

Agenda



- 9:00-9:20 am: Introduction and Welcome
 - Dean Umesh Mishra, College of Engineering
 - Diba Mirza, Undergrad Vice-Chair
- 9:20-10:00 am: Phill Conrad
 - Undergraduate Alumni Award
 - Graduate Alumni Awards (MS & PhD)
- 10:00-10:30 am: Daniel Lokshtanov
 - Graduate Awards
 - Outstanding BS/MS student (in memory of Caitlin Scarberry)
- 10:30-11:00 am: Jonathan Balkind
 - Undergrad Awards

2024 Computer Science Award Ceremony

2023-24

- **Dahlia Malkhi**, *Professor*, PhD The Hebrew University of Jerusalem. Area: operating systems and distributed systems; security and cryptography.
- **Wenbo Guo**, *Assistant Professor*, PhD Penn State University. Area: machine learning and data mining; security and cryptography.
- **Murphy Niu**, *Assistant Professor*, PhD MIT. Area: algorithms and theory; computer architecture; machine learning and data mining; quantum computing.



Outstanding Staff



Greta Carl-Halle
Business Officer



Brooke Wallace
Personnel Administrator



Alexandra Grigore
Contracts & Grants Manager



Sheryl Montoya
Financial Services Manager



Jennifer Torres
Personnel Coordinator



Angelina Aguilera
*Academic Personnel &
Operations Coordinator*



Rosalia Torres
Financial Administrator



Ken Knight
Contracts and Grants Analyst



Ernesto Diaz
Contracts and Grants Analyst

Outstanding Staff



Maritza Fuljencio
Student Affairs Manager



Bryan Salazar Pazmino
*Undergraduate Program
Coordinator*



Hanna Wong
Undergraduate Advisor



Bella Cardoso
Graduate Advisor



Michael Ray
*Communications & Special Events
Assistant*



Tim Robinson
*Coordinator, Seclab & Network
Science Research Group*



Laura Langan
*CRML Administrative
Coordinator*



Noah Spahn
Software Engineer, Seclab

George Tzimpragos honored with ACM SIGARCH/IEEE CS TCCA Outstanding Dissertation Award



AUGUST 18, 2023

Congratulations to George Tzimpragos for the ACM SIGARCH/IEEE CS TCCA Outstanding Dissertation Award!

This award recognizes excellent thesis research by doctoral candidates in the field of computer architecture. This is an awesome recognition of the outstanding research contributions of George's UCSB thesis "Computing with Temporal Operators" (with advisor Tim Sherwood). Special thanks also go to Yufei Ding, Yu Feng, and Jim Smith for their guidance on his committee.

George recently finished his first year as an assistant professor in the Electrical Engineering and Computer Science Department at the University of Michigan, Ann Arbor.

Misha Sra receives 2023-24 Hellman Fellowship



NOVEMBER 27, 2023

Congratulations to Misha Sra, assistant professor in the Computer Science Department, for being one of nine UCSB faculty recipients of the [2023-24 Hellman Fellowship](#). The award is designed to support early- to mid-career faculty who have shown a capacity for great distinction in their work. Also honored this year is affiliated faculty member Nina Miolane of the Department of Electrical & Computer Engineering.

Related People
[Misha Sra](#)

NSF awards \$300,000 demonstration project grant to collaboration involving UCSB Computer Science professor Richert Wang



SEPTEMBER 1, 2023

The Broadening Participation in Computing demonstration project, a collaboration between California State University Chico and UC Santa Barbara, has been awarded a [National Science Foundation grant of \\$300,000](#). Led by UCSB's associate teaching professor Richert Wang and Chico's associate professor Kevin Buffardi, the project team will focus on improving representation, relevance, and equity in computer science by framing high school instructional practices from the perspectives of women and Hispanic students.

The project will develop instructional videos that feature university students from marginalized backgrounds sharing how coding concepts relate to their lived experiences. At the same time, the project team will embed culturally-relevant instructional practices into AP Computer Science classes by partnering with a high

UC SANTA BARBARA
Computer Science

Outstanding Research

Professor William Wang receives Pierre-Simon Laplace Early Career Technical Achievement Award



DECEMBER 11, 2023

Professor William Wang has been selected for the 2023 IEEE Signal Processing Society's 2023 Pierre-Simon Laplace Early Career Technical Achievement Award, which honors individuals who have made significant technical contributions within their field early in their career. The award recognizes Professor Wang for "contributions to the development of scalable algorithms in natural language processing."

"I'm extremely honored for this major award from IEEE SPS," Wang says. "I have been a big fan of Laplace's work. We are actually presenting a paper on Bayesian latent variable interpretation of large language models at NeurIPS this week."

Pierre-Simon Laplace (1749-1827) pioneered and popularized Bayesian probability during his lifetime.

Wang will be formally recognized with the award in Seoul, Korea, in April 2024.

Related People
[William Wang](#)



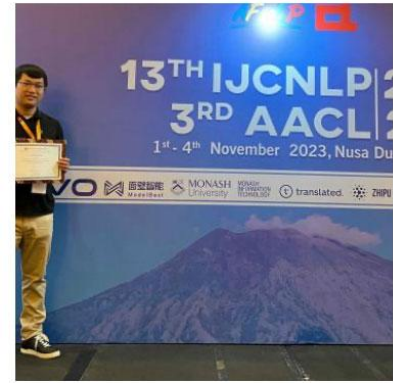
APRIL 12, 2024

Divyakant Agrawal, Amr El Abbadi, and Mohammad Javad Amiri receive Outstanding Paper Award from NSDI '24



APRIL 10, 2024

NSF awards Graduate Research Fellowships to Haarika Manda and Joyce Passananti



NOVEMBER 6, 2023

Liangming Pan wins IJCNLP-AAACL Area Chair's Award for paper investigating the challenge of misinformation



UCSB Computer Science makes strong showing at NeurIPS 2023



DECEMBER 6, 2023

UC Santa Barbara Computer Science is set to make a strong showing at this year's [Neural Information Processing Systems \(NeurIPS\)](#) annual meeting, with 20 papers accepted at the prestigious conference. With contributions from professors [William Wang](#), [Yu-Xiang Wang](#), [Shiyu Chang](#), and [Michael Beyeler](#) on topics as wide-ranging as text-to-image evaluation, privacy, and predictive models of visual cortex neural activity, UCSB's efforts mirror the broad scope of the conference itself.

Stellar Students



Congratulations to Wanrong Zhu
 UCSB Ph.D. candidate

**2023 Rising Star
 in Machine Learning**

Congratulations
 Tianle Yu

First Place
 AI Community of Practice
 Spring Symposium 2024

"Tailored Education: Using AI to Manage Large
 Classes and Support Individual Needs"

UCSB's Logic Wardens takes second place at 2023 CSAW Logic Locking competition



NOVEMBER 20, 2023

Congratulations to UCSB's Logic Wardens team for taking second place in the CSAW'23 Logic Locking Competition at NYU!

Now in its twentieth year, CSAW is a comprehensive student-run cybersecurity event, attracting participants from around the globe for competitions such as Capture the Flag, AI Hardware Attack, Applied Research, and Hack My Robot. In the Logic Locking competition, participants attempted to attack Logic Locking designs intended to protect the intellectual property of integrated circuits.

For this year's competition, UCSB's Logic Wardens team consisted of computer science Ph.D. students Yeganeh Aghamohammadi and Jaber Daneshamooz. Aghamohammadi is a member of the ARCH Lab. She is advised by Jonathan Balkind, and her research focuses on open source hardware. Daneshamooz is part of the Systems and Networking Lab, where he is advised by Arpit Gupta. His research is in machine learning and networking.

"We are honored to have secured second place in CSAW 2023 Logic Locking Competition, a testament to the dedication and skill of our team," says Aghamohammadi. "Competing in the finals not only pushed us to our limits but showcased the depth of talent fostered by the UCSB Computer Science Department."

Congratulations
 Atieh Taheri

**2024
 Presidential Postdoc Fellowship**

CONGRATULATIONS TO
 THE WINNERS OF THE

**NEAL FENZI
 RESONANT
 FELLOWSHIP**

Michael Saxon, Zach Sisco,
 & Vaishali Surianarayanan

For outstanding contributions to making
 the Computer Science Department a
 vibrant, welcoming, and inclusive
 place for work and study

Congratulations
 to UCSB's Isaac Hair

**2024 CRA Outstanding
 Undergraduate Researcher**

Runner Up

Congratulations
 to UCSB's

**Matthew Ho
 &
 Shivani Sista**

**2024 CRA Outstanding
 Undergraduate Researcher**

Honorable Mentions

Faculty Accomplishments



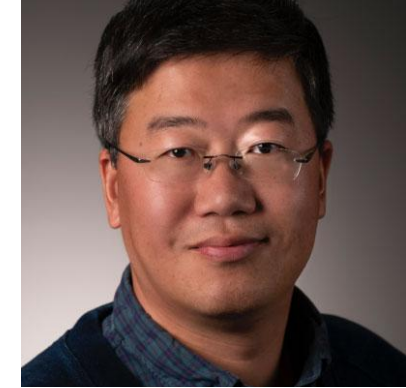
Dist. Prof. Amr El Abbadi

IEEE MDM 2024 Test of Time Award
NSDI 24 Outstanding Paper



Prof. & Chair Divy Agrawal

IEEE MDM 2024 Test of Time Award
NSDI 24 Outstanding Paper



Prof. Xifeng Yan

Advisor to GauchoChat team, first place overall in Amazon's Alexa Prize
SocialBot Grand Challenge 5



Assoc. Teaching Prof. Richert Wang

- NSF demonstration project grant for Broadening Participation in Computing
- 2024 Distinguished Teaching Award



Prof. William Wang

2023 IEEE SPS Pierre-Simon Laplace Early Career Technical Achievement Award



Assist. Prof. Misha Sra

2023 Hellman Fellowship

Faculty Accomplishments



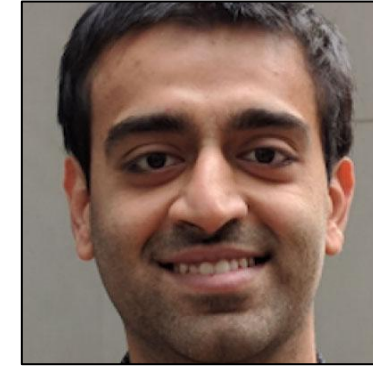
Assist. Prof. Wenbo Guo

1st place 17th Intl. Workshop on Search-Based and Fuzz Testing



Prof. Chris Kruegel

2023 ACM Fellow



Assist. Prof. Prabhanjan Ananth

NSF Early CAREER Award



Assist. Prof. Jonathan Balkind

Class of 2024
Outstanding Faculty Award



Prof. Elizabeth Belding

PI on NSF grant for Integrated Networking, Scholarship, and Peer Mentoring of First-Year Engineers



Assoc. Teaching Prof. Diba Mirza

Co-PI NSF grant for Integrated Networking, Scholarship, and Peer Mentoring of First-Year Engineers

Accomplishments of CS Alumni



Mohammad Javad Amiri
Assist. Prof. at Stony Brook
NSDI 24 Outstanding Paper

Advisors: Prof. Amr El Abbadi
and Divy Agrawal



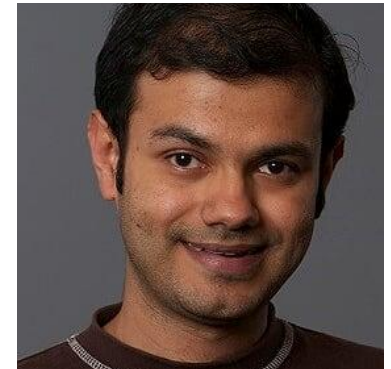
George Tzimpragos
ACM SIGARCH/IEEE CS TCCA
Outstanding Dissertation Award

Advisor: Prof. Timothy Sherwood



Shoji Nishimura
IEEE MDM 2024 Test of
Time Award

Advisors: Prof. Amr El
Abbadi and Divy
Agrawal



Sudipto Das
IEEE MDM 2024 Test of
Time Award

Advisors: Prof. Amr El
Abbadi and Divy
Agrawal

Computer Science Presents:

Distinguished Alumni Awards



Teaching Professor,
Co-chair, Undergraduate
Affairs Committee

CS Distinguished Undergraduate Alumnus Award

John Yoder

CTO, Cofounder: Constructable

UCSB: BS CS 2005

UCSB: MS CS 2006

- CTO and Cofounder of Constructable, an "AI Co-Pilot for the construction industry." (May 2023, YC 23)
- AppFolio (9 years, 5 months)
 - Senior Software Engineer (Jan 2014)
 - Tech Lead (Jan 2015)
 - Director of Engineering (Apr 2015)
 - VP Engineering (Mar 2017)
 - Principal, Product Growth Initiatives (Nov 2021)
- Citrix Online (Jul 2006 - Jan 2014, 7 years, 6 months)



Computer Science Distinguished MS Alumnus Award

Maureen Heymans

MS in Computer Science in 2002, resulting in research article: *“Deriving phylogenetic trees from the similarity analysis of metabolic pathways”*, cited > 200 times!

Since 2003 - Google (after being rejected > once!).

VP of Engineering and Product in the Learning & Sustainability department at Google, managing teams of > several hundred engineers, PMs, ++)

Leading initiatives to revolutionize learning and education - harnessing AI to create personalized tutors for every student and teaching assistants to empower every teacher, ultimately democratizing access to quality education.



Computer Science Distinguished PhD Alumnus Award

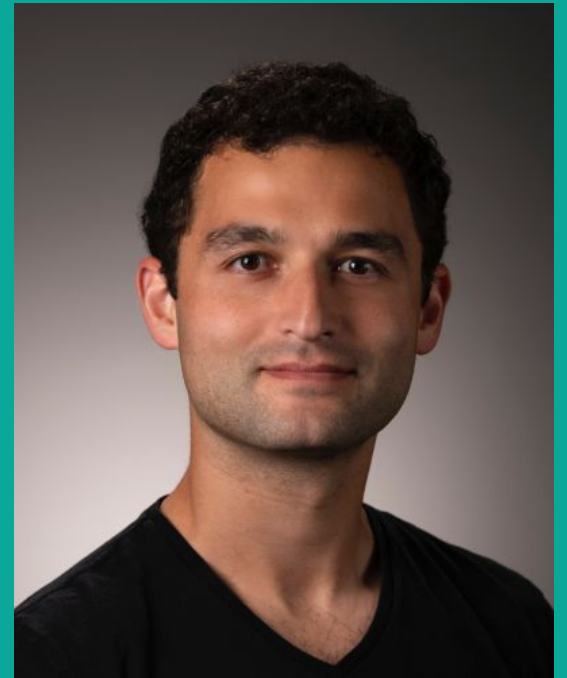
Daniel Nurmi

PhD in Computer Science in 2009, focusing on large scale systems.

Co-Founder of **Eucalyptus systems** - employed 150 people here in Goleta (many from UCSB), sold to HP in 2016.

Co-founder of **Anchore** - also in Santa Barbara - Anchore is the basis for US policy that requires the securing of containerized deployments.





Professor & Vice Chair,
Graduate Program

Computer Science Presents:

Graduate Student Awards

2023-24 Graduate Student External Awards



Wanrong Zhu

Advisor: William Wang

Selected as one of 8 women nationwide invited to the 2023 Rising Stars in Machine Learning Workshop and hosted by University of Maryland - College Park

UC **SANTA BARBARA**
Computer Science



Michael Saxon

Advisor: William Wang



Zach Sisco

Advisors: Jonathan Balkind
and Ben Hardekopf

Selected as recipients of the Neal Fenzi - Resonant Founder Fellowship, awarded to a Computer Science graduate student (PhD, MS or BS/MS with grad standing) who has made outstanding contributions to making the Computer Science department a vibrant, welcoming and inclusive place for work and study



Vaishali

Surianarayanan

Advisor: Daniel Lokshantov

2023-24 Graduate Student External Awards



Yeganeh Aghamohammadi

Advisor: Jonathan Balkind

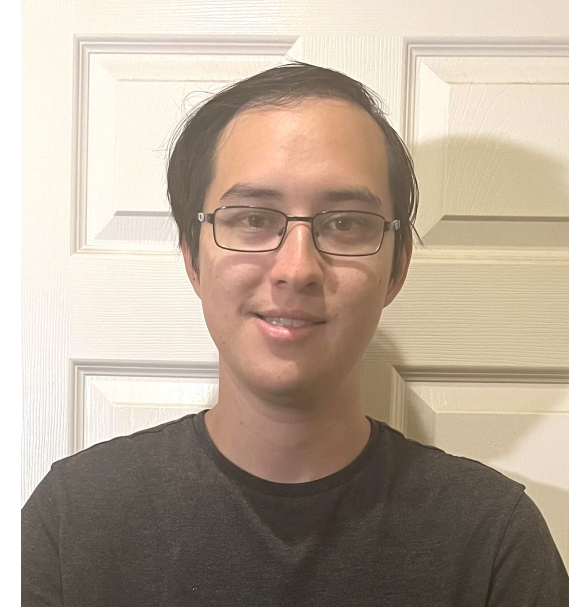
Selected as the 2nd Place US/Canada team (Logic Wardens) at the CSAW'23 Logic Locking Competition at NYU



Jaber Daneshamooz

Advisor: Arpit Gupta

Selected as the 2nd Place US/Canada team (Logic Wardens) at the CSAW'23 Logic Locking Competition at NYU



Ryan Keeney

Advisor: Daniel Lokshtanov

Selected as the WG 2024 50th International Workshop on Graph-Theoretic Concepts in Computer Science, Best Student Paper Award

2023-24 Graduate Student External Awards



Bowen Zhang

Advisor: BS Manjunath

Selected as the 2024 UCSB 25th Annual New Venture Competition (NVC) Finals - EyeClimate Team 1st Place



Joyce Passananti

Advisor: Tobias Höllerer

Selected for National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellow



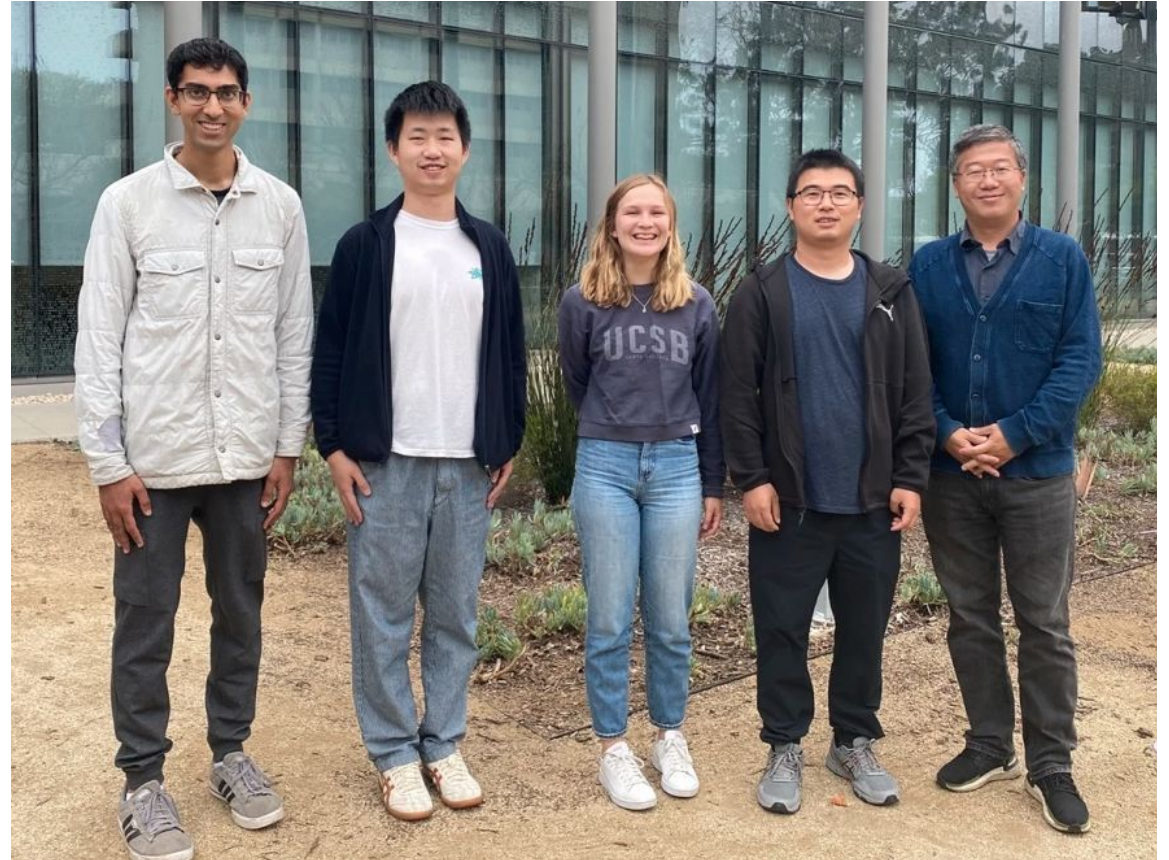
Haarika Manda

Advisors: Elizabeth Belding and Arpit Gupta

Selected for National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellow

2023-24 Graduate Student External Awards

- Selected as the 1st place team in the worldwide Alexa Prize SocialBot Grand Challenge 5.
- The Alexa Prize is a unique industry-academia partnership program which provides an agile real-world experimentation framework and tools for accelerating scientific discovery.
- The SocialBot Challenge's goal is to build socialbots with the aim of providing a compelling interactive multimodal and conversational user experience, integrating speech with visuals. Teams pursued a broad range of approaches including emotive avatars, synchronized graphics and multimedia, image generation, and multimodal dialogue using hints and touch input.



**GaUCHoChat Team: Rajan Saini, Hong Wang,
Marina Zhukova, Weizhi Wang**
Advisor: Xifeng Yan

College of Engineering Outstanding Teaching Assistant

- Presented annually in recognition of excellence as a Teaching Assistant, as selected and voted by the graduating seniors in Computer Science
- **From students:** *"He really cares about his students and is an amazing lecturer during his sections... Junrui is always there to help students during office hours. He makes learning really fun and easy... It's the sort of class that makes you feel glad to be a student at UCSB. Thank you so much for being an amazing CS TA!"*
- This is the 2nd year in a row Junrui has won the award, and the first time a CS grad student has won the award back-to-back since 2015!
- *"I'm extremely fortunate and honored to teach something that I'm deeply passionate about and to receive this award"*



Junrui Liu
Advisor: Yu Feng

Computer Science Outstanding TA Co-Award

- Presented annually in recognition of excellence as a Department of Computer Science Teaching Assistant
- **From faculty:** *“He worked incredibly hard to make sure he was prepared and was ready to help the students at every turn (labs, projects, section, class/exam, everything!). His discussion sections were regularly filled as students were eager to get his help and guidance (and to just chat with him!). He was always super kind and patient and he made my class significantly better.”*
- **From students:** *“Vinayak helped me understand the material from a conceptual perspective and his slides were always really well put together... Provided lots of help and suggestions for some bugs I had with a few of the labs... Thanks for being an excellent TA!”*



Vinayak Gajjewar

Advisors: Chandra Krintz and
Rich Wolski

Computer Science Outstanding TA Co-Award

- Presented annually in recognition of excellence as a Department of Computer Science Teaching Assistant
- **From faculty:** *“Trysten embodies the qualities every professor hopes to see in a TA: Passion, Professionalism, Independence, Supportiveness, knowledge, creativity, diligence, respectfulness, and empathy. Among all the TAs I have worked with, Trysten stands out as an individual who combines knowledge, modesty, and genuine care for the students.”*
- **From students:** *“One of the things I loved about Trysten is he answers questions in such a way where you never felt bad about asking the question!... Trysten’s approach showed me how effective it is to create a supportive and encouraging learning environment... One of the best TA's I ever had”*



Trysten Hess
Instructor: Maryam Majedi

Computer Science Outstanding TA Co-Award

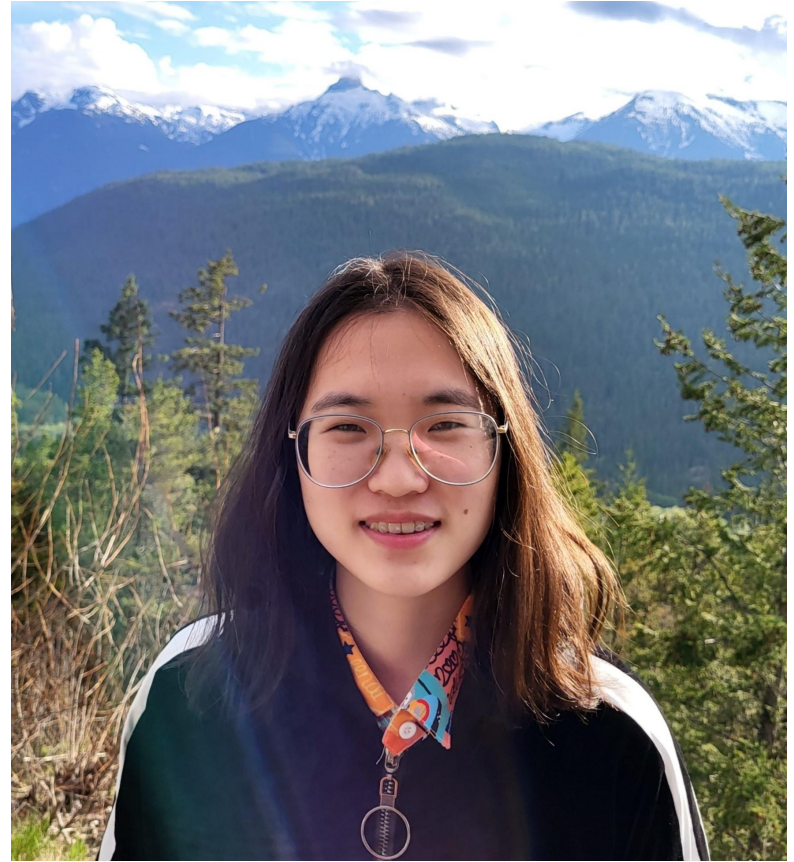
- Presented annually in recognition of excellence as a Department of Computer Science Teaching Assistant
- **From faculty:** *"Galen demonstrated exceptional dedication to student success. His proactive approach not only helped students who were struggling but also enhanced the overall academic performance of the class. His technical expertise and genuine interest in student advancement have significantly contributed to the positive learning environment in this large and challenging upper-division course."*
- **From students:** *"Galen's commitment to providing detailed, helpful information right from the beginning has made a significant positive impact on our learning experience... Galen was an exceptional TA, always well prepared to answer questions and help out any students who were confused. Gave fantastic reviews during section and always broke down class material in a way that was easily digestible."*



Galen Pogoncheff
Advisor: Michael Beyeler

Computer Science Outstanding Publication Award

- Presented annually in recognition of excellence as a main contributor of a paper accepted or published in 2023-24
- For the paper titled “Large Language Models Are Latent Variable Models: Explaining and Finding Good Demonstrations for In-Context Learning”, which addresses one of the pivotal challenges in the field of artificial intelligence: enhancing the reliability and effectiveness of in-context learning in large language models (LLMs).
- Accepted at the 37th Conference on Neural Information Processing Systems (NeurIPS 2023) and it has already received 100 highly influential citations from Stanford, Google Deepmind, UW, Harvard, and Berkeley.



Xinyi Wang
Advisor: William Wang

Computer Science Outstanding Mentoring Co-Award

- Presented annually in recognition of significant contributions to mentoring undergraduate students
- **From faculty:** “One of Arthur's greatest strengths lies in his ability to connect with students on a personal level and help them identify their unique research interests. By taking the time to understand each student's strengths, goals, and aspirations, Arthur is able to determine which component of a research project best aligns with the student’s individual needs and passions. Arthur's mentoring is exceptional, evident in his ability to empathize, listen actively, gain respect and trust, encourage and support students.”
- **From students:** “I am extremely grateful for Arthur’s guidance, support and encouragement over the last one year. His mentoring has profoundly impacted my academic journey and has helped shape my research interests and aspirations.”



Arthur Caetano
Advisor: Misha Sra

Computer Science Outstanding Mentoring Co-Award

- Presented annually in recognition of significant contributions to mentoring undergraduate students
- **From faculty:** “Radha has demonstrated in my lab over and over again over the years that she is and will continue to be a stellar research mentor and organizer. Radha continues to bring her ideas, organizational talent, and values to our undergraduates by encouraging them to embark on research, and mentors them through the experience towards excellence.”
- **From students:** “Radha's mentorship has been nothing short of extraordinary. Beyond helping us with critical decision making, her extensive support included minutely addressing significant details throughout the project execution... Radha always strives to assist us, rather than direct us; every decision we've made has been as a team, and Radha has always been there to facilitate our discussions. It is this comprehensive approach to mentorship that truly sets her apart.”



Radha Kumaran
Advisor: Tobias Höllerer

Computer Science Outstanding Dissertation Co-Award

- Presented annually in recognition of a Ph.D. dissertation of technical excellence and high impact
- **Thesis topic:** “Bridging Strong Privacy with Scalability for Online Data Services”
- Ishtiyaque’s research lies at the intersection of distributed systems, data management, and cryptography. More specifically, his research focuses on building large-scale data systems that prioritize strong privacy for end-users.
- His publication list includes the top system conferences: ACM SOSP, USENIX OSDI, VLDB, and the top computer architecture conference: ISCA.
- IBM PhD Fellowship recipient and previous CS Dept Outstanding Publication award winner.
- Ishtiyaque has accepted an Assistant Professor position at UC Santa Cruz in 2024



Ishtiyaque Ahmad

Advisors: Divy Agrawal and
Trinabh Gupta

Computer Science Outstanding Dissertation Co-Award

- Presented annually in recognition of a Ph.D. dissertation of technical excellence and high impact
- **Thesis topic:** “Controllable Visual Editing via Natural Language ”
- Tsu-Jui’s dissertation research is addressing natural language processing NLP and computer vision with a primary focus on vision-language and text-guided visual editing.
- He is the author of 34 top conference papers with 1,661+ citations, including ACL, NAACL, EACL, EMNLP, ECCV, AAI, CVPR, NeurIPS, CoRL, ACCV, and WACV.
- His ICLR 2024 spotlight MGIE paper was influential: his model is being deployed by Apple to 1.46 billion iPhone users around the world
- Will start at Apple after graduation



Tsu-Jui Fu
Advisor: William Wang

The Caitlin Scarberry Memorial Award

- The **Caitlin Scarberry Memorial Award** was established to honor the memory of Caitlin Scarberry, a 2019 UCSB BS/MS graduate in Computer Science, who died from brain cancer in 2021. Caitlin's prime motivation was to make a positive impact on the world and to encourage other women to follow her path to pursue careers in Computer Science and Engineering.
- This award is presented annually to an outstanding BS/MS student who has excelled in their academics as well as in research, teaching, and/or impact to diversity, equity, and inclusion (DEI)



The Caitlin Scarberry Memorial Award: Computer Science BS/MS Student of the Year

- Presented annually in memory of Caitlin Scarberry and in recognition of an outstanding BS/MS student who has excelled in their academics in addition to research, teaching, and/or DEI

Contributions:

- **Research:** Database Range and Aggregation Queries using Homomorphic Aggregation. (Manuscript in preparation)
- **Faculty quotes:** *"I was amazed how quickly he learned and digested the subtleties of the mathematics involved without losing track of the systems ramifications of these complex operations."*
"if Erwan was in our PhD program -- the work he has done as part of his BS/MS project work would comprise 1/4 (to 1/3) of a PhD thesis."
- **TA/ULA Performance:** 130A with Prof. Divyakant Agrawal
- **Course Performance:** 3.96 GPA



Erwan Fraisse

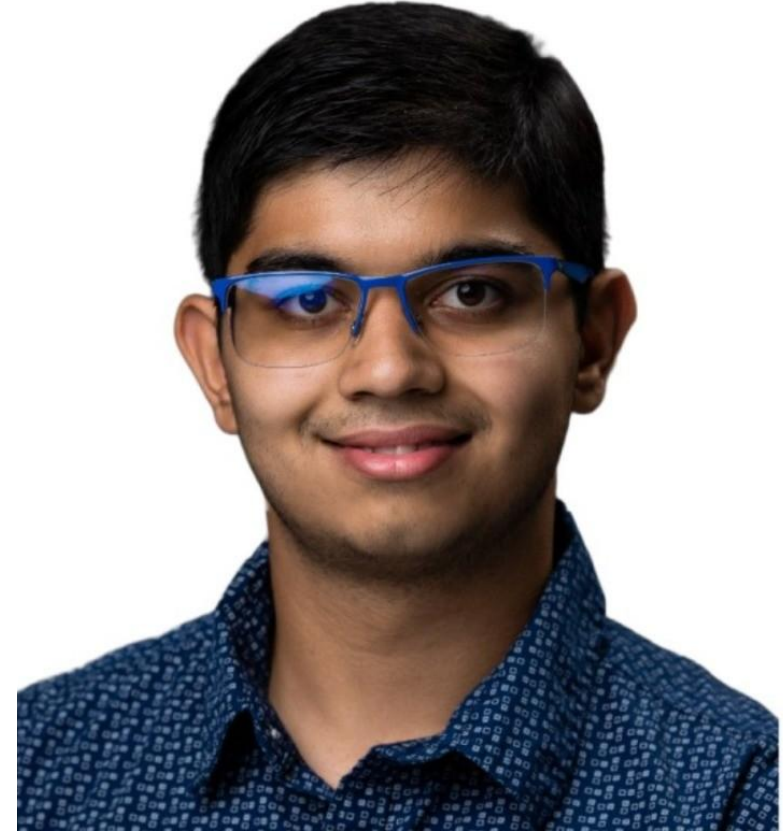
Advisors: Divy Agrawal and
Amr El Abbadi

The Caitlin Scarberry Memorial Award: Computer Science BS/MS Student of the Year

- Presented annually in memory of Caitlin Scarberry and in recognition of an outstanding BS/MS student who has excelled in their academics in addition to research, teaching, and/or DEI

Contributions:

- **Research:** Top 5% Paper (out of 4,000+ submissions) at ICLR 2023, one of the top-tier AI conferences in the world, currently preparing a submission for NeurIPS 2024. Aditya was part of the Early Research Scholars Program (ERSP)
- **TA/ULA Performance:** CS 148 with Prof. Tobias Höllerer, CS 130A with Prof. Ambuj Singh
- **Internship:** successfully completed three software engineering internships at Google (Gmail and Google Assistant Text-to-Speech teams).
- **Course Performance:** 4.0 GPA.



Aditya Sharma
Advisor: William Wang

Computer Science MS Student of the Year

- Presented annually in recognition of a Masters student who has excelled in both research and either department service or teaching
- **From faculty:** *"In my grad class on Parameterized Algorithms, Ryan would always be the one to catch my mistakes, and often find nice and elegant ways to correct them."*
- Best student paper award at WG 2024: "Degreewidth on Semi-Complete Digraphs" where he resolves two open problems about the "degreewidth" of tournaments
- Also served as a Teaching Assistant for various classes on algorithms, programming, and discrete mathematics



Ryan Keeney

Advisors: Daniel Lokshtanov
and Eric Vigoda

Computer Science PhD Student of the Year

- Presented annually in recognition of a Ph.D. student who has excelled in both research and either department service or teaching
- **From faculty:** *"In his research, Zach has established two entirely new research areas, Hardware Decompilation and Control Logic Synthesis. It's rare for a student to be able to establish a single one, never mind two... He is an amazing student all round"*
- Zack published one paper in PLDI 2023 (a top PL venue) and a second paper is conditionally accepted for ASPLOS 2025 (a top architecture venue)
- Mentors grad and undergraduate students: *"Zach's mentorship and deep knowledge both grew my technical skills and inspired me to continue in research and pursue a PhD for which I am incredibly grateful."*
- Served as the CS Lead TA for two academic years, and has also been both a TA and Associate instructor of record for a wide range of CS courses
- Also helped with student events and dept Grad Student Association events



Zach Sisco

Advisors: Jonathan Balkind
and Ben Hardekopf

Congratulations to our graduates!

PhD Grads

Ishtiyaque Ahmad

Alon Albalak

Yaoyi Bai

Tsu-Jui Fu

Peter Gartland

Úrsula Hébert-Johnson

Sean Jaffe

Kunlong Liu

Yifan Qiao

Chinmay Sonar

Noah Stier

Yi-Lin Tuan

Yuke Wang

Anbang Wu

Aiwen Xu

Jianyu Xu

Yingrui Yang

Xinlu Zhang

Xuandong Zhao

Wanrong Zhu

Yuqing Zhu

Congratulations to our graduates!

MS Grads

Kimia Afshari

Andrew Alex

Anika Arora

Brian Chen

Calvin Dougher

Shereen ElSayed

Xinlei Feng

Erwan Fraisse

Momin Haider

Yon Harlicaj

Trysten Hess

Shinda Huang

Tao Huang

Bhavye Jain

Rutvik Jha

Ryan Keeney

Noa Kim

Brian Lee

Daniel Lohn

Zechen Ma

Zihan Ma

Ethan Meade

Khalid Mihlar

Jake Miller

Harsha Miryala

Sahil Naik

Taanya Nithya

Anand

Andrew Peng

Carina Quan

Vihaan Akshaay

Rajendiran

Connor Rapelje

Josiah Ross

Aman Sariya

Krushna Shah

Aditya Sharma

Thanawat

Techaumnuaiwit

Vasilis Samaras

Kenny Wang

Chengyuan Xu

Huanhua Xu

Luke Yoffe

Xuanhe Zhou

We will now take a *very* short pause

- **If you need to leave** to get ready for the graduate school commencement, **you may do so now.**
- **If you are staying** for the undergraduate awards, **please remain seated.**
- The ceremony will resume in a moment.



Assistant Professor, Co-Chair
Undergraduate Affairs
Committee

Computer Science Presents:

Undergraduate Student Awards

Barry Goldwater National Scholarship and Excellence in Education

- The Barry Goldwater Scholarship and Excellence in Education Foundation was established by Congress in 1986 to serve as a living memorial to honor the lifetime work of Senator Barry Goldwater.
- Isaac was selected as one of 417 undergraduate student recipients across the nation.
- “The Goldwater scholarship reinforced my goal to obtain a PhD.”



Isaac Hair

Advisors:

Daniel Lokshtanov,
Timothy Chan,
Jonathan Balkind

Computing Research Association's Outstanding Undergraduate Researcher Award

- This prestigious award program recognizes undergraduate students in North American colleges and universities who show outstanding research potential in an area of computing research



Shivani Sista

Honorable Mention

Advisor: Michael Beyeler

UC SANTA BARBARA

Computer Science



Matthew Ho

Honorable Mention

Advisor: William Wang



Isaac Hair

Runner Up

Advisors: Jonathan Balkind

Daniel Lokshantov,

Timothy Chan

UCSB Chancellor's Award for Excellence in Undergraduate Research

- Presented to four distinguished undergraduate researchers each year at UCSB, intended to honor exemplary contributions to research in their discipline.
- Research contribution: Built a novel hardware-software fault tolerance mechanism. Worked across high-level data center modelling, programming language design, and hardware prototyping.



Guy Wilks

Advisor: Jonathan Balkind

National Science Foundation Graduate Research Fellowship Program Honorable Mention

- The NSF Graduate Research Fellowship Program (GRFP) seeks to ensure the quality, vitality, and diversity of the scientific and engineering workforce of the United States.

College of Engineering Outstanding Senior Award in Computer Science

- Presented annually by the College to the graduating senior(s) with the highest cumulative grade point average from each degree program.



Jonathan Cheng



Arik Cheslog



Andy Ouyang



Ivy Wang

CS Capstone Projects

Innovative solutions to real industry problems



appfolio

* Forta

terawe

Aziksa

Veridise

Capstone Sponsors

Instructors



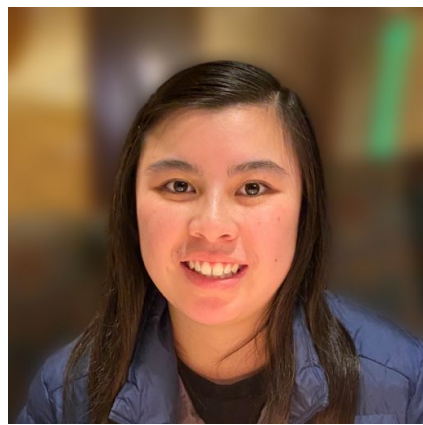
Prof.
Tevfik Bultan



Prof.
Giovanni
Vigna

CS Capstone Projects

Innovative solutions to real industry problems



UC SANTA BARBARA
Computer Science

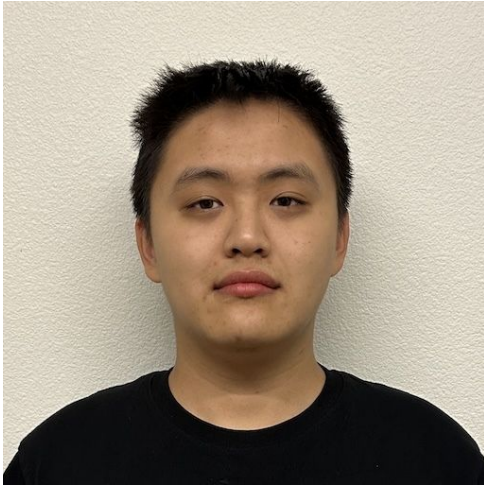
Best Project: Realty Reel

- **Partner:** Appfolio
- **Team:** Jacob Eisner (Lead), Iain Weissburg (Scribe), Liam Pang-Naylor, James Ellenstein, Yuki Keung, Brandon Son
- **Project Overview:** A user-friendly platform designed for property owners who seek an efficient way to create high-quality promotional videos for their listings. By simply uploading photos, videos, and accompanying descriptions, users can leverage our AI-driven system to produce polished videos complete with AI-generated voice overs, seamless transitions, and professional-grade color correction.

CS Distinction in the Major Capstone Track



Robert Briggs
Artera



Lawrence Chen
Forta



**Jonathan
Cheng**
Aziksa



Dan Le
Appfolio



Daniel Li
Appfolio



Vince Nguyen
Appfolio

CS Distinction in the Major Capstone Track



Heather Nguyen
Terawe



**Aashay
Parab**
Aziksa



Shivani Sista
Artera



**Gita
Supramaniam**
Artera



Jai Uparkar
Terawe

CS Distinction in the Major Research Track



Krishna Dhulipala
Advisor:
Jonathan Balkind



Andy Ouyang
Advisor:
William Wang

Joseph Foster
Advisor:
Ambuj Singh

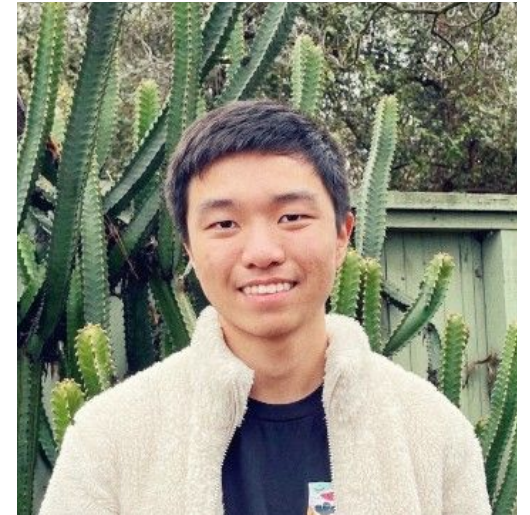
CS Distinction in the Major Research Track



Ivy Wang
Advisor:
Michael Beyeler



Guy Wilks
Advisor:
Jonathan Balkind



Andrew Yu
Advisor:
Phillip Conrad

Computer Science Outstanding Undergraduate Research Award Honorable Mention



Laya Pullela
Advisor:
Michael Beyeler



Yunhao Luo
Advisor:
Misha Sra



Guy Wilks
Advisor:
Jonathan Balkind



Gabriel Pizarro
Advisor:
Giovanni Vigna

Computer Science Outstanding Undergraduate Research Award

- Presented annually in recognition of outstanding contributions, and sustained commitment and excellence in research contributions.
- Danny Rose
 - First Author paper at EMNLP 2023, a top AI conference
 - Central role in “Visual Chain of Thought” project
- Isaac Hair
 - First Author paper at ISCA 2024, a top computer architecture conference
 - Co-author on paper at SOCG 2024, a top computational geometry venue



Danny Rose

Advisor: William Wang



Isaac Hair

Advisors: Jonathan Balkind,
Daniel Lokshtanov,
Timothy Chan

Computer Science Outstanding Mentor Award

In recognition of outstanding and
sustained teaching and mentorship

Nominated based on:

- care for students
- contributions to the auto-grader system
- developed AI system to deliver personalized experiences to students in large courses

Tianle Yu
nominated by
Maryam Majedi

UC **SANTA BARBARA**
Computer Science



Tianle Yu
Advisor:
Maryam Majedi

UCSB AI Community of Practice Spring Symposium 2024

AI Digital Presentation Competition 1st Place Project

developed AI system to deliver
personalized experiences to students
in large courses

Computer Science Student of the Year

- Presented annually in recognition of outstanding leadership, excellence in academics and research, and performing “above and beyond the call of duty” when engaging with students and the CS community
- **Vaishnavi Himakunthala**
 - Co-president of Women in Computer Science (WiCS) at UCSB
 - External Vice President of the Society of Society of Women Engineers (SWE)
 - First-authored EMNLP paper 2023



Vaishnavi Himakunthala

"Vaishnavi is a beacon for positive change who uses her problem-solving skills, voice, and creativity for social good. Most notably she has strived to understand and highlight issues related to climate and mental health using data-driven approaches."

Computer Science Student of the Year

- Presented annually in recognition of outstanding leadership, excellence in academics and research, and performing “above and beyond the call of duty” when engaging with students and the CS community
- **Zackary Glazewski**
 - LA for 6 quarters, and lead LA for 1 quarter
 - Co-author, SIGCSE 2024 paper
 - Served the CS department through recruiting events, teaching professors interviews
 - Graduating with a 4.0 GPA



Zackary Glazewski

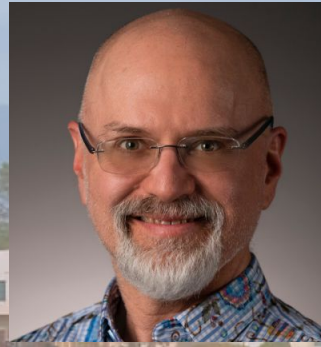
"Zack is an exemplary student, mentor and collaborator who has made significant contributions to CS education (pedagogy, curriculum, and research) at UCSB. He is an independent and creative thinker who strives for excellence in academics and beyond."

Thank you for joining us!

Event Organizers



Diba Mirza



Phill Conrad



Daniel Lokshtanov



Jonathan Balkind



Greta Halle



Maritza Fuljencio



Bella Cardoso



Bryan Salazar Pazmino



Hanna Wong



Michael Ray



Angelina Aguilera



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