

# JONATHAN KUPFERMAN

6520 El Colegio Rd. #2113  
Santa Barbara, CA 93106

(909) 973-6791  
jmkupferman@gmail.com

**OBJECTIVE** To obtain a position as a Software Engineer at a leading software company with a focus on cloud computing and web services.

**EDUCATION** Master of Science in Computer Science  
University of California, Santa Barbara  
Major GPA: 3.96  
Expected Completion: June 2010

Bachelor of Science in Computer Science  
University of California, Santa Barbara  
Major GPA: 3.47  
Completed: June 2008

**EMPLOYMENT HISTORY**

**Software Engineer** *June 2009 – September 2009*  
**RightScale Inc.** *Santa Barbara, CA*

- Developed features for adding multi-cloud support to the RightScale platform
- Profiled and improved site performance resulting in decreased page load time
- Enhanced back-end code to reduce database load and improve efficiency

**Program Manager** *June 2008 – September 2008*  
**Microsoft – CRM Online** *Redmond, WA*

- Designed and documented feature to enable reporting on business metrics
- Created feature threat model to identify and mitigate possible vulnerabilities
- Coordinated developers and testers to ensure projects completion

**Associate Programmer** *May 2007 – September 2007*  
**Call Wave Inc.** *Santa Barbara, CA*

- Established new sub-systems using open source libraries to increase code functionality and performance
- Completed various change requests and updates across the code base

**Support Engineer** *June 2006 – September 2006*  
**RS Information Systems** *Gaithersburg, MD*

- Performed Helpdesk support (Installation, Troubleshooting, etc.)
- Aided in the establishment of a new Network Operations Center
- Managed other Helpdesk Support Interns

**RELEVANT COURSEWORK** Computer Science 290F – Scalable Internet Services  
Computer Science 272 – Software Engineering  
Computer Science 270 – Operating Systems  
Engineering 291C – So you want to be a technology manager?

**ACHIEVEMENT** *Computer Science 189A/B* – Senior Capstone Project  
“Cloud Computing Your Movie Ratings”- Awarded 2008 “Best CS189 Project”  
Harnessing the power of cloud computing in an attempt to win the Netflix Prize, a competition to create the best movie recommendation algorithm. By applying a simple and general algorithm and augmenting the provided data with additional data from relevant social networking sites we were able to generate ratings on par with Netflix’s own movie recommendation algorithm.