

Rachel Resnick

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Education

Rice University • Houston, TX

Computer Science, expected May 2017
3.8 GPA

Burlingame High School • Burlingame, CA

Class Valedictorian, Class of 2013
4.0 GPA

Technical Skills

Programming languages: **Java, JavaScript, Python, C, SQL, Swift, Erlang, Matlab**
Web technologies: **HTML/CSS, jQuery, Spring MVC Framework**

Highlighted Coursework

COMP Intro to Computer Engineering, Intro to Program Design, Reasoning About Algorithms, Parallel Programming, Computer Systems, Databases, Object-Oriented Programming*, Compilers*

MATH Intro to Engineering Computation, Probability & Statistics, Matrix Analysis, Differential Equations

Work and Volunteer Experience

Software Engineering Intern • Apple • Sunnyvale, CA

Summer 2016

- Part of retail engineering team
- Building a dashboard application for web (full-stack) and iOS
- Programming in Java, JavaScript/jQuery, HTML/CSS, and Spring for web, and Swift for iOS
- Following the software development life cycle

Software Engineering Intern • Alert Logic, Inc. • Houston, TX

Summer 2015

- Programmed in Erlang
- Member of asset model team for Cloud Insight product
- Worked on multiple tasks including building a preferences service, converting code to batch processing, and creating and modifying operations for various HTTP endpoints

Teaching Assistant • Rice University Computer Science Dept. • Houston, TX

Fall 2015

- TA for introductory computer science class, Computational Thinking
- Held weekly office hours to assist with homework

Grader • Rice University Mathematics Dept. • Houston, TX

September 2014 – April 2015

- Graded homework assignments for Calculus I and Calculus II classes

Rice University • Houston, TX

DREAM Achievement through Mentorship volunteer

Spring 2014

- Mentored high school students on a semester long STEM project

Partnership for the Advancement and Immersion of Refugees (PAIR)

Fall 2013

- Mentored high school students in academics and general life skills

Activities

Rice Computer Science Club • Technical Committee

August 2015 – March 2016

- Helping plan and run HackRice, Rice's annual hackathon of over 300 students

McMurtry College Academic Fellow • Calculus I & Calculus II

August 2015 – present

McMurtry College Peer Academic Advisor

March 2014 – present

McMurtry College Court • Associate Justice

March 2014 – present

*denotes course for Fall 2016
updated June 29, 2016