

Rachel Resnick

rdr2@rice.edu • github.com/rachelresnick
(201) 230-0087

Education

Rice University • Houston

Computer Science, expected 2017
Computational and Applied Math minor
3.82 GPA

Burlingame High School • Burlingame, CA

Class Valedictorian, Class of 2013
4.0 GPA

Skills

Proficient in **Python**, **Erlang**, and **MATLAB**
Familiar with **C**, **Java***, and **HTML**

Coursework

COMP Computational Thinking, Algorithmic Thinking, Computer Engineering, Intro to Program Design*, Reasoning About Algorithms*

MATH Intro to Engineering Computation, Probability & Statistics, Multivariable Calculus, Matrix Analysis, Differential Equations, Intro to Operations Research and Optimization*

Work and Volunteer Experience

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

Summer 2015

- 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

August 2015 – present

- TA for introductory computer science class, Computational Thinking
- Hold weekly office hours to assist with homework
- Grade homework assignments and exams

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

Projects

Laptop Guard (Python)

January 2015

Security alarm for your laptop making use of OpenCV

Activities and Awards

Rice Computer Science Club • Technical Committee

August 2015 – present

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

Rice University President's Honor Roll

Fall 2014

*denotes course or skill in progress
updated August 25, 2015