# Daniel Rosenbaum

danielrosenbaum
daniel-rosenbaum
d-baum.com
daniel.rosenbaum@pomona.edu

## EXPERIENCE

### GuideSpark Inc. | Software Engineering Intern
*Summer 2017*
- Built several UI components in JavaScript and Ruby that saved large files and notified other users with a link to the file location
- Created a RESTful API integration between in-house Ruby on Rails applications that allowed for commenting and optimized workflow
- Developed a Ruby gem that automated previously manually done actions
- Responsible for JIRA tickets and following the Agile process

### Pomona College | Head Teaching Assistant
*January 2015 - Present*
- Collaborate closely with the professor to design schedules, rubrics and assist twenty-five students during their weekly lab periods and promoted to Head Teaching Assistant for both classes (Data Structures and Advanced Programming and Introduction to Computer Science) taught in Java and C
- Hold biweekly office hours to assist students with course material and assignments as well as any questions they may have on the topic
- Oversee grading of all coursework and train other teacher assistants at grading and to be accessible and helpful to students of various skill levels

## PROJECTS

### SSE Database Reader | Web Application
*August 2017*
- Worked with an economics professor to create an easily accessible and editable database with information from the Shanghai Stock Exchange
- Scraped online web data into a database using Python, Selenium and the BeautifulSoup library which was then handled using MySQL
- Built a Flask run website using HTML, JQuery and Bootstrap that allows users to search the different datasets by date and variables and produces a.csv file

### ASPC Reviews | Chrome Extension
*July 2017*
- Built a pop-up extension that allows students to easily access and view professor ratings from the ASPC, school run website, site.
- Allows for a table view of professors, which can be sorted by header
- Built using HTML and JavaScript; now in use by ~5% of the student body

### Craigslist Relister | Script
*August 2017*
- Created a Python script that uses Selenium that re-lists all expired items in a Craigslist account while also storing any items that were unable to be relisted

### Mini-Hoop Basketball | iOS App
*April 2017 - Present*
- Currently building a game that allows players to shoot the basketball and try to score as many baskets in the given amount of time while keeping a leaderboard

## EDUCATION

### Pomona College
Computer Science Major
Mathematics Minor
*Expected May 2019, Claremont, CA*
- Major GPA: 3.83  •  Overall GPA: 3.7
- Pomona College Scholar

## COURSEWORK

### Computer Science
- Data Structures and Advanced Programming • Computer Systems • User Interfaces and User Experience • Graph Algorithms and Applications • Algorithms*

### Mathematics
- Linear Algebra • Multivariable Calculus
- Combinatorial Mathematics
- Computability and Logic*        (* = Fall 2018)

## SKILLS

### Languages
- Java • C • Python • HTML • CSS • Ruby
- Swift • JavaScript • SQL • SML • JQuery

### Tools
- Flask • Heroku • Xcode • Selenium
- MySQL • Rails • Bootstrap • MS Suite

## ACTIVITIES

### Varsity Basketball
Team Captain
*October 2015 – Present*
- Organize and schedule offseason training, liason between players and coaches and guide team during practices and games
- Second Team All-SCIAC
- SCIAC Newcomer of the Year
- Lopota Classic All-Tournament Team