

Daniel Rosenbaum

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EXPERIENCE

Twilio | Software Engineer Intern (Programmable Wireless)

Summer 2018

- Created a new Scala service responsible for dynamically pricing all products and data for each user according to their account information, removing the use of hard coded values and easing customer experience
- Completed multiple JIRA tickets on topics that ranged from identifying and fixing bugs, creating cluster tests and updating UI components

GuideSpark | Software Engineer 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
- 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.
- 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

EDUCATION

Pomona College

Computer Science Major

Mathematics Minor

Graduated May 2019, Cum Laude

- Major GPA: 3.92 • Overall GPA: 3.85
- Pomona College Scholar
- Bruce J Levy Mathematics Award

COURSEWORK

Computer Science

- Data Structures and Advanced Programming • Computability and Logic
- User Interfaces and User Experience
- Graph Algorithms and Applications
- Artificial Intelligence • Natural Language Processing • Programming Languages

Mathematics

- Linear Algebra • Multivariable Calculus
- Combinatorial Mathematics • Operations Research • Geometric Modeling

SKILLS

Languages

Proficient

- Java • Python

Experience

- Scala • React
- HTML • CSS
- SQL • JavaScript

Tools & Tech

- Flask
- Heroku
- Bootstrap
- Selenium
- MySQL
- BeautifulSoup

ACTIVITIES

Varsity Basketball

Team Captain

October 2015 – March 2019

- Organize and schedule offseason training, liaison between players and coaches and guide team during practices and games
- D3Hoops All-American
- Google Cloud Academic All-American
- First Team All-West Region
- SCIAC Player of the Year