Daniel Rosenbaum

danielrosenbaum
daniel-rosenbaum
d-baum.com
daniel.rosenbaum10@gmail.com

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 2016 - May 2019
- Collaborated closely with the professor to design schedules and rubrics
- Assisted twenty-five students of varying skill levels during their weekly labs
- Held bi-weekly office hours to assist students with course material, assignments, and ad hoc questions
- Oversaw grading of all coursework and trained other teacher assistants

PROJECTS

Trust the Processor | Basketball Analytics Blog
January 2020 - Present
- Built a blog that combines my two passions of basketball and computer science
- Answers interesting basketball questions in a complete manner using analytics

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

Craigslist Relister | Python 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

ASPC Reviews | Google 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

EDUCATION

Pomona College
Computer Science Major
Mathematics Minor
Graduated May 2019, Cum Laude
- Major GPA: 3.92 • Overall GPA: 3.85
- Bruce J Levy Mathematics Award
- Pomona College Scholar

COURSEWORK

Computer Science
- Graph Algorithms and Applications
- User Interfaces and User Experience
- Artificial Intelligence • Natural Language Processing • Programming Languages

Mathematics
- Combinatorial Mathematics • Operations Research • Geometric Modeling

SKILLS

Languages
Proficient
- Python • Java

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

Tools & Tech
- Flask
- Heroku
- Bootstrap
- Selenium
- MySQL
- BeautifulSoup

BASKETBALL

Hapoel Jerusalem B.C.
Professional Basketball Player
August 2019 - Present
- State Cup 2020 Champions
- Winner Cup 2019 Champions

Pomona-Pitzer
Varsity 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