

Dennis Vuong

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EDUCATION

University of California, Riverside

Expected Graduation: June 2022

Computer Science with Business Applications, B.S

GPA: 3.63/4.00

- **Related Coursework:** Object Oriented Programming, Data Structures and Algorithms, Assembly Language, Linear Algebra, Software Construction, Data Analysis Methods, Design of Operating Systems, Formal Languages and Automaton & Discrete Mathematics

SKILLS

Languages: Python, Java, C/C++, C#, Swift, HTML/CSS, Javascript, SQL

Development: Agile, Test Driven Development, Unit/Integration Testing, Git, Github, Unix, Linux

EXPERIENCE

Software Engineer Intern

June 2021 – August 2021

Thomson Reuters

Culver City, CA

- Developed Blazor Web Assembly application with the Redux pattern and C# for internal development teams to efficiently run an Azure DevOps Pipeline
- Built a dynamically generating form from pipeline data provided by Azure's REST APIs for users to fill out pipeline parameters
- Implemented additional ability for users to skip select stages of the pipeline's running process

Intel High Tech Pathway Intern

June 2016 – July 2016

Intel Corporation

Santa Clara, CA

- Collaborated alongside three other interns to develop a prototype using an Arduino board in C++ to help aid the blind through navigation
- Completed brief market research and pitched potential solutions to program managers on issues in our community

Camp Counselor

June 2014 – July 2017

Head Royce School

Oakland, CA

- Worked with a cohort of counselors, teachers and administrators to provide an enriching summer experience to attendees
- Assisted teachers in finding optimal learning and engagement methods within the classroom

PROJECTS

Parking Lot REST API:

- Designed a REST API to simulate a paid parking lot system with the Django REST Framework and Python
- Implemented REST API endpoints allowing administrators to create, update, and delete parking spaces as well as viewing the parking lot history

Indeed Web Scraper:

- Built a web scraper with BeautifulSoup to scrape job listing data off of Indeed.com and to create clean data sets on the tech industry
- Used the data sets to find data analysis insights and to create graphs, plots and visuals with Tableau

iOS Sudoku Arcade App:

- Programmed a native iOS application based on the traditional Sudoku game with Apple's Swift UIKit and the MVC design pattern
- Incorporated a 4x4 board variant by utilizing pre-generated boards provided by a web API