Daniel Menjivar

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EDUCATION

California State Channel Islands, Camarillo, CA, May 2020
Bachelor of Science in Computer Science with Minors in Economics and Mathematics.
GPA 3.819/4.0

WORK EXPERIENCE

Programming Intern at FileYourTaxes, Ventura, CA, September 2019 - Present
- Worked closely with staff programmers to assist them in full-stack development of scalable secure tax software systems.
- Translated state tax documents into user friendly web pages ensuring code met state schema requirements and return calculations were correct.
- Facilitated in the advancement of an in-house tool for printing data onto tax forms.

TECHNICAL SKILLS

Experience in Software Engineering and Agile Methodologies.
Technical Tools:
- Programming Technologies: Java, Python, Perl, C, Git, JSON, XML, Firebase, SQL
- Programming Environments: Linux, Windows, MacOS, Sublime Text, VIM, Visual Studio Code, IntelliJ, Android Studio

PROJECTS

Finite State Machine Simulator, May 2020
Designed and implemented a web-based teaching tool for computer science students to build and then run simulations on regular languages.

A* 8-Puzzle Solver, September 2019
Using the A* path finding algorithm with two heuristics, developed a Python script that solves a randomly generated 8-puzzle using A* search.

WishCraft, May 2019
Developed a wishlist social media based android app with product searching capabilities.
Contributed to the backend by providing Firebase and AliExpress RESTful API integration.

Stored Program Simulator, February 2018
Implemented a Simple Stored Program machine simulator in C with a single register. Each instruction is made of a 4-digit decimal number where the first digit is an opcode and the last three make up a corresponding memory address.

AWARDS

Gates Millenium/Hispanic Scholarship Fund Scholar   May, 2016
Sandisk/Western Digital Scholar   June, 2016