# HAYDEN H. POUR

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## OBJECTIVE:
I am interested in computer science and engineering internship. My experience and interest in software development, Embedded systems, and application development enable me to support the software developer groups to increase productivity and to meet task requirements. This helps company and the team to develop and completed tasks on time.

## EDUCATION:
**B.S. in Computer Science,** University of California Riverside, GPA 3.49                    June 2021
**A.S. in Math and Science**, Palomar College, San Marcos, CA                    June 2019

## SPECIAL SKILLS:
- Proficient: C/C++, JAVA, Object Oriented Programming
- Previous Experience: Python, JavaScript, ARM
- Programmable & microcontroller: FPGA, ATmega1284, Raspberry Pi
- Operating Systems: Windows, MAC, Unix/Linux, Ubuntu
- Version Control & Agile tools: GitHub, Trello, Visual Studio Team service
- Test: Google Test, Integration Shell Method

## WORK EXPERIENCE:

Best Buy, Riverside, CA                    2019-present
**Computer Sales**
- Assisted customers in finding the right item, and provided recommendations on products
- Worked with the team to reach company goals and department sales projection
- Made daily sales plan to increased customer retention/new sales by 15%

Fry's electronics, San Marcos, CA
**Computer sales supervisor**                    Jun 2015-2019

- Assigned daily task to sales associate and follow up with them to get high standard result.
- Trained associate to achieve company sales projection by recommending and sales high margin product to costumer and offered company protection plan (performance service contract) to increase sales by 20%.
- Trained new associates on sales techniques and products functionality to reduced sales time by 12%

## Awards/relevant projects:
**MVP Awards**                    Jan 2019
- Received the most valuable player from Best Buy manager as a person who had the best teamwork.

**FishHub**
- As a side project, I came up with the idea to design and create a product to easily manage and control a fish tank. FishHub is a phone app written in dart language as the frontend to communicate with the backend which written in python and conducted firmware verification testing. With FishHub anyone can control any fish tank to feed, turn on/off the light, and get current temperature. Demo and  GitHub

**Eight-Puzzle Solver**
- Developed and wrote a program called 8-puzzle solver. The project requires using 3 search algorithms to solve the puzzle and visualize the differences between the 3 algorithms with respect to their speed. I explored the Uniform cost search, and A* searches with Misplaced Tile heuristic, and Euclidean distance euritic by my language of choice C++. GitHub

**Making Own Rshell**
- Developed a shell with a used of composite pattern to take multiple commands from the user and determined if they could be executed. Conducted unit testing each individual class with google test, and integrated testing the entire project functionality. I designed and programed by my language of choice C++.