

PAUL ALVAREZ

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EDUCATION

Bachelor of Science, Computer Engineering
California State University, San Bernardino

Sept. 2017 to
December 2019

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- Dean's List

EXPERIENCE

Biller
Riverside Tile Floor Preparation

July 2016 to
Present

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- Used Microsoft excel to create, send and compile company invoices
 - Managed any payment issues, and filed them appropriately
 - Made template invoice sheets and proposals

Tutor
CSU San Bernardino

December 2018
to March 2019

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- Worked in a team to tutor a computer science lab classroom
 - Helped the students understand the material and provided a solid foundation of C++

ISA (Instructional Student Assistant)
CSU San Bernardino

January 2019 to
March 2019

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- Acted as a grader and returned homework in a timely manner
 - Provided detailed feedback on assignments

PROJECTS

Class: Engineering Design

Facial Recognition Door lock

- Door Lock project which could be opened by app, keypad password, or face recognition
- Worked in a team to design and implement a fully functional prototype
- Used OpenCV library for Facial Recognition
- Created a java android app to interact with lock through Bluetooth
- Implemented with python on a Raspberry Pi system in conjunction with an Arduino

Class: Database Systems

SQL Taxi Project

- Designed and implemented a mock taxicab company relational database
- Programmed in MySQL in a small team
- Fully documented design

TECHNICAL

Languages

Experience in: C++, MySQL, HTML, CSS, Verilog

Familiar in: Java, Bootstrap, Python, JavaScript, React

Software

Vim, Git, Visual Studio, Linux