

Juan Linares

Aspiring software developer pursuing opportunities to learn risk assessment, web development, software engineering, and database management.

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github.com/juan72795

EXPERIENCE

Premiere Career College — *Information technology officer*

January 2020 - June 2020

- Developed & maintained functions in an existing database solution for managing student records.
- Optimized existing database solution to accommodate for changes per request from various departments.
- Reverse engineered a legacy system without implementation details or design documentation.
- Created documentation to begin the data cleaning process for database maintenance.
- Initiated the process of migrating a legacy database solution to the currently supported application version.

Five Guys — *Crew member*

May 2018 – Present

- Attained invaluable experience with customer service.
- Developed a sense of teamwork with team members from varying backgrounds.

CSUF Math Department — *Math Tutor*

January 2017 - May 2018

- Mentored students in mathematics to understand and adopt efficient problem-solving techniques.

EDUCATION

CSU Fullerton — *Bachelor of Sciences in Computer Science*

Fall 2013 - Spring 2020

- Directed software engineering team to build a proof of concept VPN in software engineering course.
- Developed the main GUI for access control, user registration, and login for the VPN project.
- Built a simple lexical analyzer from scratch in C++ to read and interpret source code and define lexemes from the input source code file.

PROJECTS

Micro-computers & micro-controllers — *RaspberryPI & arduino*

- Created a motion detecting security camera with an application that logged time stamps, captured moving objects in a scene recorded, and saved by the respective open-source software.
- Built a personal game console that emulated multiple different console platforms with open-source software to custom specifications.
- Expanded stepper motor uses for mechanical arm for titan rover through an Arduino microcontroller with a C-programmed stepper motor driver.

Software development — *Web Development & software development*

- Engineered software remotely through SSH and VIM on the Linux command line using g++.
- Constructing a service hosting information website using HTML, CSS, and phpMyAdmin to manage user information and database functionality.

SKILLS

- Command-line scripting
- Database design & management
- Computer maintenance
- Front-end web development
- Bilingual: English & Spanish
- Technical support
- Customer service

TECHNOLOGIES

- **Languages:** C++, C#, Python, HTML, SQL, CSS, PHP.
- **Tools:** FileMaker, Visual Studio, Code-Blocks, XCode, XAMPP, VIM.
- **Operating systems:** Windows, Linux.
- **General software:** Microsoft Word, PowerPoint, Excel.

RECENT CONFERENCES

- Information Systems Security Association of Orange County 2019

WEBSITE - QR CODE

<https://j-linares.github.io/JLinaresPortfolioRepo/>

