

VICTOR PADILLA



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Summary

Experienced full stack web developer with BS in Software Engineering. Seeking for an opportunity to apply my skills as a software developer or become a more experienced web developer. With experience in Java, C++, PHP, JavaScript and a BS in Applied Math

Education

Northern Illinois University

Bachelors of Science

- Computer Science - Software Engineering
- Applied Mathematics

December 2017

December 2017

Work Experience

GM & WIRELESS

Full Stack Web Developer

Chicago, IL

June 2017 – November 2018

- Extensive use of core PHP was used to create user sessions, password hashing, and connect to MySQL databases and interpret the data back to the user.
- Made extensive use of AJAX, this allow for the user to have a better experience by seamlessly updating the user content.
- A search page was deployed to allow employees to look for customers, customer transactions, repair ticket and custom orders
- Front-end is built on Bootstrap, core JavaScript and JQuery. Using solid frameworks allows for a better and less complicated user experience.
- Stored all data using MySQL, this allows for better support and great integration with PHP.
- Created customer profiles allowing the business to track customer's orders and repair tickets.
- With an agile development methodology, I was able to quickly get user feedback and push updates for a great user-end experience

Course Work & Projects

C++

- Extensive use of core C++ capabilities to simulate how a CPU handles processes, to simulate a terminal, and to simulate a file allocation table.
- Simulated Physical and virtual memory with a memory management program that allocates and de-allocates memory in memory blocks using methods like best-fit and first-fit

Java

- Used the SWING library to create a UI for the user to be able to play the game prisoners dilemma
- Created multiple objects to display using the SWING library and every object had its own thread in the CPU, this allowed the user to manipulate each object on the screen

iOS

- Developed a prototype app for GMW that connects to a MySQL database and allows the user to insert new repairs for customers and also update the information once the ticket is created.

JavaScript

- Created a web chat app that using NodeJS and Socket.io. Using Socket.io allows me to be able to connect users and update the chat interface in real time to display messages coming across.

Programming Proficiencies

C++, Java, Swift, PHP, JavaScript, Sockets.io, Web Development, HTML & CSS, BootStrap, Assembly, MySQL, JQuery, UNIX, Python