

VICTOR PADILLA



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victorpadilla.me

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

Work Experience

Freelance Web Design & Tech Consultant

Jan 2019 – Present

- Provided web design solutions to clients who had existing web pages
- Advised clients on how to approach social media and strategies on customer retention
- Advised business on marketing strategies through Facebook, Instagram and Twitter
- Discussed potential use of mobile apps to keep customers connected to the business
- Brought new technology like updated QuickBooks POS and the use of Google Docs to a client for better book-keeping
- Brought software tools for a client to manage his sports league and keep track of players and tournament data.

GM & WIRELESS

Chicago, IL

Full Stack Web Developer

June 2017 – November 2018

- Extensive use of core PHP was used to create user sessions, password hashing, and manage the backend of the website
- To have a better User Experience the implementation of JavaScript's AJAX was use to seamlessly update user content.
- A search page was deployed to allow employees to look for customers, customer transactions and repair tickets
- 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.
- With an agile development methodology, I was able to quickly get user feedback and push updates for a great user-end experience

Education

Northern Illinois University

- B.S Computer Science - Software Engineering
- B.S Applied Mathematics

December 2017

December 2017

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