

Charly Sandoval

Chicago, IL

773-289-2565

charlysandoval331@gmail.com

github.com/csandoval331

https://charlysandoval.tk

Objective

Excited to learn about programming in a professional environment, while collaborating with others in a project

Education

University of Illinois at Chicago (UIC), Chicago, IL
Bachelor of Science in Computer Science

Fall 2020

Skills

Web Development

- MEAN/MERN web Stack development
- HTML templating
- Apache web server
- NGINX reverse proxy
- SSL certification

Software

- git/github version control
- mongodb/mysql database
- Windows/DOS OS
- Linux/UNIX OS

Programming languages

- Java
- JavaScript
- C++
- Python
- C#/F#

Embedded Systems

- RaspberryPi
- Arduino
- CAD and PCB design

Projects

MEAN Stack Development

- Worked on creating a full stack web application for a company. Created dynamic forms in Angular with user input filtering and image uploading capabilities that would securely allow users to update information to the database.

Java Programming

- Familiar with Object Oriented Programming, Polymorphism, Templates, and Multi-threading
- Created a server and client GUI application using JavaFX and multithreading

C++, C Programming

- Experienced with Structs, Linked List, Dynamic Array, Classes, Binary Search, and Recursive Searching algorithms
- Created Search Algorithm that would take a file as data and store results in array

Leadership

Web Application Developer

June 2019 – August 2019

Team Leader

- Encouraged SCRUM development for application
- Arranged weekly meetings, discussed projects, and assigned tasks
- Encourage good coding practices, teamwork, and security awareness

UIC-Society of Hispanic Professional Engineers (SHPE)

August 2017 – May 2018

Outreach Chair

- Impacted 100 Chicago students by exposing them to the Engineering career
- Gained leadership skills by depending on teammates unique skills

Work Experience

Prep-Me SHPE

June 2019 – September 2020

Computer/Instructor

- Designed computer science related curriculum to instructed high school students
- Worked with a group of 4 to teach C++ programming