

Charly Sandoval

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Objective

Looking forward to contribute my knowledge and skills to the company, while gaining valuable industry level skills and practices

Education

University of Illinois at Chicago (UIC) , Chicago, IL	Spring 2020
Bachelor of Science in Computer Science, expected	3.0/4.0 GPA

Technical Skills

- Experienced with front-end development using AngularJS and Bootstrap
- Experienced with back-end development using NodeJS and Express
- Experienced with database relationship and design with MongoDB
- Experience with Java, JavaScript, Python, C++, C
- Experience with Windows and Linux OS
- Experienced in Arduino and Raspberry PI
- Experienced with git
- Fluent in C# and F#

Projects

MEAN Stack Development

- Interned with small company to create a web application with credentials and custom form submissions
- Added image storage capabilities with json objects to the backend to improve efficiency
- Worked as a team with a group of 4, using GitHub to maintain code
- Created front end application to register new users

Java

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

C++, C

- 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

Arduino/Raspberry Pi

- Worked with RHF wireless communication to control robotic arm
- Worked with analog sensors, motors, resistors, capacitors, relay switches, and other components for projects

Leadership

Web Application Developer	June 2019 – August 2019
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Team Leader

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

UIC-Society of Hispanic Professional Engineers(SHPE)	August 2017 – May 2018
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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, Chicago, IL	Summer 2019
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Computer/Instructor

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