

Xavier Hollingsworth

Software Engineer

Intrinsically motivated to engineer code and hardware that can provide a better future for mankind while working in the forefront fields of technology not limited to areas such as space exploration, renewable energies, autonomous vehicles, AI and more.

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WORK EXPERIENCE

Artificial Intelligence Engineer Intern

Vision 13

02/2020 – 07/2020

Achievements/Tasks

- Develop deep learning applications using Pycharm and Pytorch

Software Engineer Intern

Getaboard Foundation

01/2020 – 04/2020

Non-profit Organization

Achievements/Tasks

- Develop main web application platform - a social network for young kids through for finding volunteer opportunities
- Maintain, test and integrate application components.
- Developed code in Typescript, Vue.JS, Nest.JS, PostgreSQL, and Node.js

Software/Systems Engineer Intern

Open Learning Exchange

09/2019 – 01/2020

Non-profit organization

Achievements/Tasks

- Develop and maintain the blue tooth capabilities on Raspberry Pis
- Develop commands for the command line interface for the RPi
- Lead a project for web scraping resources using Python scripts and then uploading them automatically to OLE's database
- Develop and implement VM images via Vagrant and Docker

Business Owner

Great Lakes Property Management

01/2016 – Present

Orlando, FL

Achievements/Tasks

- Successfully built business from the ground up generating cash income while working from home

EDUCATION

Bachelor's of Science in Computer Science

Oregon State University

08/2017 – Present

GPA: 3.5

Bachelor's of Science in Electrical Engineering

Arizona State University

05/2019 – Present

GPA: 4.0

Altcademy Web Dev Bootcamp

Institution/Place of Education

09/2019 – Present

PERSONAL PROJECTS

Youtube LeetCode/Algorithms Channel: <https://bit.ly/387ACzS> (01/2020 – Present)

- Upload video solution explanations to Leetcode and HackerRank algorithms and data structures problems

Gromcore Web Application (01/2020 – Present)

- Full-stack web application in processing of developing for Getaboard that implements Vue.js, Typescript, Node.js, Nest.js, and PostgreSQL to create an application similar to LinkedIn for young students to connect with companies for volunteer opportunities

Networking FTP Client/Server (C++/Python)

- A client-server program that implements FTP. Client can request a directory list or files from the server. Client was written in Python and server was written in C.

Small shell (C)

- An interactive linux shell using the C programming language via system calls. Implemented fork and exec calls. Managed parent and child processes. Built in the 3 commands cd, status, and exit and execvp'd the rest of the commands.

Database Website - <https://flask-cs340.herokuapp.com/>

- Implemented HTML/CSS, Javascript, MySQL and Python Flask to create a website with an interactive database.

Cube Adventure Game (C++)

- An interactive game, based off the movie Cube, implementing objects, polymorphism, pointers, inheritance, data structures and classes. It

Python Web Scraper

- A python script written for OLE to scrape the web for resources and upload them to database for educational uses

ORGANIZATIONS

Students for Exploration and Development of Space (2019 – Present)

Hack UCF (2018 – Present)

Member

TECHNICAL SKILLS

Software Languages and Skills

C, C++, Python, Network programming, Java, Javascript, HTML/CSS, Flask, Linux, MacOS, Typescript

Tools/Frameworks/APIs

Docker, Vagrant, git, Github, Markdown, Xcode, Vim, VScode, Netlify, node.js, MySQL, Heroku, CouchDB, Nest.js, Vue.js

INTERESTS

Open source software: Treehouses, Planet

Snowboarding

Quantum Physics

Reading

Space

Crossfit