

Education

Dec 2020

University of Maryland

College Park, MD

B.S. Computer Science

Minor in General Business

Courses

Algorithms -

Data Science -

Object Oriented Programming -

Computer Systems -

Statistical Analysis -

Discrete Structures -

Linear Algebra -

Calculus -

Managing People and Teams -

Languages

Java -

Python -

Ruby -

OCaml -

C -

Rust -

Leadership

Technica

Mentor: Helping students with personal projects

BitCamp

Participant: worked on a personal To-do list webpage project

Transfer to Terps Org

Community Service Organizer:
Organized a run for donation

Projects

To-do List Webpage

- Accomplished skills in Ruby on Rails
- Acquired better understanding of servers and making web applications
- Used AWS EC2 instance to deploy the application
- Stored data on SQLite database on the disk

NASA Data Scraping

- Scraped data from publicly accessible website using Python
- Analyzed top 50 solar flares data to replicate with spaceweatherlive.com

Stark Suit Repair

- Implemented function calls that mimicked the iron man suit
- Composed to be thread safe and memory safe
- Converted original code from C++ to Rust

Small C Parser

- Project parses written code into a basic C program, written in OCaml.
- Created a lexer to convert basic code into tokens
- Wrote parser to convert tokens into abstract syntax tree
- Made an interpreter that converts Abstract Syntax Tree into an Environment

Experience

Daly Computers • Team Lead • May 2017 - August 2019

- Directed a team of 20 interns to setup hardware and software for the local schools
- Imaged new administrative systems by using network installations
- Supervised installation of at least 12,000 new computers every year
- Worked with school technicians to ensure all computers are on the school domain

Coder Kids • Tutor • June 2018 – August 2018

- Served as a tutor to help kids in grades K-12 with coding projects using Python
- Directed a group of girls to build a Java web-based application that helped promote social awareness

Department of Computer Science • Peer Advisor • June 2019 – Current

- Assisted in informing students about the computer science program
- Used G Suite to organize tasks in the office
- Worked with professional advisors during workshops and orientation