

EDUCATION

SUNY Stony Brook University, Stony Brook, NY

August 2018 - Expected May 2022

- B.S. Computer Science

EXPERIENCE

High Performance Computing Engineer, Stony Brook University; Stony Brook, NY **Feb '19 - Present**

- Performed software environment maintenance on Linux for over 100 open source and enterprise applications in a parallel file system over a variety of hardware environments
- Resolved Customer Service tickets by troubleshooting and debugging system issues and compiling, optimizing, and testing new software
- Installed new servers and fixed hardware issues for our high performance computing cluster

IT Programmer, FCE Consultants; Orange, CT **Jun '18 - Aug '18**

- Wrote data scraping programs in Python to collect small business contact information
- Dealt with a variety of websites and file formats, including PDF's and images that required the use of OCR software to scrape contact information
- Created scripts to clean up and expand the data by performing reverse phone number lookups, website lookups, reverse address lookups, advanced duplicate checking, and more

Volunteer Full-stack Web Developer, Amity High School; Woodbridge, CT **2018**

- Managed the school's internal web services such as the field trip request system and computer lab reservation system
- Worked on refactoring the backend from PHP to Ruby on Rails
- Worked on redesigning the frontend with Materialize CSS

PROJECTS

Beacon Attendance Senior Interest Project **May - June 2018**

- Developed a secure way for students to mark their attendance in class using their iOS device
- Built a web server backend in Ruby on Rails, an iOS application in Swift, and a bash script to be ran on a Raspberry Pi to create a Bluetooth Beacon. See my Github for more detailed explanation

Run Logger: Powered by LogARun **2016-2017**

- iOS application allowing runners to easily track and record their runs as well as share them with teammates through the use of the LogARun platform
- Published on iOS App Store

SKILLS

Web Development: Ruby on Rails, HTML/CSS

Mobile Development: Objective-C, Swift

Systems: Ruby, Python, Java, Bash

HONORS/AWARDS

Eagle Scout

- Designed and executed a community service project that consisted of repairing and rebuilding sections of the blue trail in Woodbridge, CT
- Held several leadership positions throughout scouting career such as Senior Patrol Leader and Troop Web Master