

ASHLEY CUI

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EDUCATION

Boston University College of Engineering, Boston, MA

September 2016 – May 2020

Bachelor of Science in Computer Engineering

Relevant Coursework:

EK128 Computation in Python, EC330 Applied Algorithms & Data Structures, CS 411 Software Engineering (in progress), EC 504 Advanced Data Structures (in progress)

TECHNICAL SKILLS in order of proficiency

Languages

Python, C++, GoLang, Javascript/NodeJS

Miscellaneous

Git, Jira/Agile, AWS/ Cloud Deployments, HTML/CSS, MongoDB

EXPERIENCE

Constant Contact, Waltham, MA

June – August 2018

Security Research Intern (Software Engineering)

- Created Splunk apps to query email logs and protect against email abuse
- Used Python to parse JSON data and connect to various API's (Google Safe Browsing Phishtank, 250ok)
- Implemented HTTP server to handle requests from Splunk and responses from API's
- Deployed HTTP server & Google Safe Browsing database in AWS Lambda & AWS EC2 with GoLang

Boston University Dining Services, Boston, MA

2017

Barista

- Prepared handcrafted Starbucks beverages for 100+ students per hour
- Followed and enforced strict sanitization protocols for food safety compliance

Ridge High School, Basking Ridge, NJ

2013 – 2016

Athlete & Foodservice Volunteer

- Contributed to 10+ wins in meets in varsity pole vault, long jump, high jump, and triple jump
- Mentored younger athletes in workouts and stretches
- Distributed concessions in meets with 150+ attendees

PROJECTS

SonicSwype, PennApps, University of Pennsylvania, Philadelphia, PA

January 2018

Web-based "Tinder for Spotify" Application

- Built backend using Django Python framework and Spotify API
- Uses Spotify's related artists function to recommend similar music

BU Calendar Import Tool

December 2017

- Parses image generated by BU's scheduling portal and creates Google Calendar, alleviating need for manual importing
- Built backend using NodeJS for quick asynchronous performance
- Debugged and upgraded OAuth protocol to comply with Google's most recent requirements