Alexa Sih

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EDUCATION   GPA: 3.49

Boston University, Boston, MA   **May 2020**
Dual Degree, B.A. Computer Science, B.S. Business Administration, Management Information Systems Concentration

University of Edinburgh, Edinburgh, Scotland   **January 2019-May 2019**
Coursework: Data Structures & Algorithms, Computing Systems, Agile Development Methodologies, Managing Data Resources, Information Systems, Full Stack Application Development, Software Testing, Computer Security

SKILLS

Python, Java, Swift, HTML, CSS, MySQL, MongoDB, Spring Boot, Photoshop, InDesign

WORK EXPERIENCE

Cisco, San Jose, CA   **June 2019-Present Day**
Software Engineering Intern
- Programmed backend functionality for iOS mobile app – user ratings, briefcases to save favorited content (Swift)
- Created 4 responsive front end screens – filter, homepage, briefcase, share and alert pop ups (Swift)
- Developed video streaming application with another intern using AWS and Amazon S3 that allows users to upload and playback videos using Java, Video.js, and Spring Boot

VACO, Boston, MA   **October 2017-May 2018**
Google Student Innovator
- Organized workshops and product demos for the 2017-2018 school year to promote Google Cloud Platform to the 74,000 Boston University students on campus
- Developed knowledge of Google Cloud Platform and third-party tools to teach workshops highlighting Google's Machine Learning APIs and Google App Engine to show students how GCP can work for them

TECHNICAL EXPERIENCE

Price Alerts   **Python, MongoDB**
- Implemented beautifulsoup4 for web-scraping to track the prices of items on websites, created web application that allows users to track items and receive notifications for sales
- Stored website links and real-time item prices on the MongoDB database, used Mailgun to program e-mail alerts and notify users when selected items drop in price

Web Blogging   **Python, MongoDB**
- Created a full stack web application for blogging using Jinja2 templates, HTML, CSS, and Bootstrap
- Used REST API calls and MongoDB database allowing users to login, create, and manage multiple blogs on one site

Clima   **Swift**
- Created an iOS weather application that updates users on weather based on current location
- Incorporated search feature to update users on current weather in various locations

Todoey   **Swift**
- Developed a to-do list iOS application with gradient UI to help users manage tasks
- Programmed application to manage multiple to-do lists and added swipe feature to easily delete tasks after completion

LEADERSHIP EXPERIENCE

Open Web, Boston, MA   `   **January 2018-December 2018**
President
- Organized weekly meetings from diverse majors and backgrounds to encourage and build a community of web and mobile application student developers
- Implemented new strategies: internal workshops, peer mentoring, organized first company partnership with HubSpot

Treasurer and Social Media Manager   **May 2017-December 2017**
- Managed the club's finances and held the club's first fundraiser at Chipotle, raising $135+ for the club's 21 members
- Created Facebook and Instagram graphics that tripled the number of people reached to increase social media presence