

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

Awards: Boston University Presidential Scholarship, Dean's List Fall 2017, Dean's List Spring 2017

Activities: First Year Student Outreach Program Participant, Open Web, The Navigators, Business and Technology Club

Coursework: Programming Techniques and Data Structures, Computer Systems, Geometric Algorithms, Combinatoric Structures, Agile Development Methodologies, Managing Data Resources

University of Edinburgh, Edinburgh, Scotland

January 2019-May 2019

Study Abroad/Exchange

Coursework: Software Testing, Computer Security, Design Voices

WORK EXPERIENCE

Cisco, San Jose, CA

June 2019-Present Day

Software Engineering Intern

- Developing the Cisco SalesConnect iOS application from scratch with an Agile team to provide employees with an easy-to-use responsive application
- Creating and integrating screens that help employees filter their search and working with DevSecOps interns to ensure reliability and security

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 different websites, leading to a web application that allows users to track items they want and get notifications once they go on sale
- Stored website links and real-time item prices on the MongoDB database, using Mailgun in order to program the e-mail alerts that notifies users when their saved items drop to their ideal prices

Web Blogging

Python, MongoDB

- Created my first full stack web application using Jinja2 templates and HTML, CSS, and Bootstrap, leading to a user-friendly front-end application design
- Used REST APIs to 'GET' and 'POST' requests to the MongoDB database, leading to a blogging platform that allows users to login, create, and manage multiple blogs on one site

Open Web Website

HTML, CSS, Bootstrap

- Updated the Open Web Website with HTML, CSS, and Bootstrap in a team setting to better reflect the club's brand
- Lead workshops for 3 semesters to teach students how to also create their own website from scratch using HTML, CSS, and the Bootstrap framework

LEADERSHIP EXPERIENCE

Open Web, Boston, MA

January 2018-December 2018

President

- Organized weekly e-board and general meetings with members from diverse majors and backgrounds to encourage and build a community of web and mobile application student developers
- Implemented new strategies, such as internal workshops, alongside e-board peers to facilitate the sharing of knowledge across all Open Web members, so members can learn from one another

SKILLS

Computer: Python, Java, Swift, HTML, CSS, Bootstrap, MySQL, MongoDB, MS Access, Photoshop, InDesign

Language: English, 7 years of French