

Alexa Sih

4500 Mirano Ct, Dublin, CA 94568

925-699-8444 • alexasih17@gmail.com • <https://alexasih.github.io/>

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: Open Web, The Navigators, Business and Technology Club, Women in Computer Science Club

Coursework: Programming Techniques and Data Structures, Computer Systems, Geometric Algorithms, Combinatoric Structures, Agile Development Methodologies, Managing Data Resources, Designing Information Systems, Analysis of Algorithms, Fundamentals of Computing Systems, Full Stack Application Development

University of Edinburgh, Edinburgh, Scotland

January 2019-May 2019

Coursework: Software Testing, Computer Security, Design Voices

Study Abroad/Exchange

WORK EXPERIENCE

Cisco, San Jose, CA

June 2019-Present Day

Software Engineering Intern

- Programmed the back end for updating content ratings and adding salespeople's chosen files to briefcases to create an integrated digital experience for sales employees at Cisco
- Developed 4 responsive screens to create the SalesConnect iOS application from scratch with an Agile team to provide Sales employees with an easy-to-use application

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 a 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

Clima

Swift

- Created an iOS weather application that made an API call to update users on the weather in Celsius at their current location
- Added additional functionality that allowed users to search for the weather in their city of choice to allow for weather reports while traveling

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, Photoshop, InDesign

Language: English, 7 years of French