Alexa Sih

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EDUCATION   GPA: 3.52

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

WORK EXPERIENCE

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

Boston University Fitness and Recreation Center, Boston, MA   **October 2016-November 2017**
Senior Office Assistant
- Managed private lessons and payroll and organized future semesters' programs and classes using accounting basics and Excel spreadsheets, communicating efficiently to instructors and customers through e-mails to resolve issues
- Assisted with team-building classes for BU's First Year Student Outreach Program to understand how to teach teams to work together to solve problems

TECHNICAL EXPERIENCE

Price Alerts   **Python, MongoDB**
- Implemented abeautifulsoup4 for web-scraping to track the prices of chairs 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 and SMTPlib 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
President   **January 2018-Present Day**
- 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
- Developed 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

Treasurer and Social Media Manager   **May 2017-December 2017**
- Managed the club's finances and pitched new ideas for reaching out to companies for recruiting events to improve the Open Web experience for Fall 2017 members
- Created Facebook and Instagram graphics that tripled the number of people reached to increase social media presence

SKILLS

Computer: Python, Java, HTML, CSS, MS Access, Bootstrap, MongoDB, Google Cloud Platform, Photoshop
Coursework: Computer Systems, Geometric Algorithms, Combinatoric Structures, Concepts of Programming Languages, Agile Development Methodologies, Managing Data Resources
Language: English, 7 years of French