Mia Li

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Education

B.S. in Computer Science
University of Washington,
Paul G. Allen School of Computer Science
– Seattle, WA, 2019 - Present
Expected Graduation: December 2021

Associate in Science Transfer
Seattle Central College
– Seattle, WA, 2017 - 2018
Graduated: December 2018

Coursework

- The Hardware / Software Interface
- Data Structures and Parallelism
- Web Authoring
- Discrete Math
- Computer Programming

Technical Skills

- Java / Python / C / Linux / SQL
- HTML / CSS / JavaScript / PHP

Tools

- GitLab
- GitHub
- Lightroom / Illustrator / Photoshop
- Google Applications

Languages

- Mandarin
- Taiwanese

Projects

Naïve Bayes Classifiers for Spam Filtering - Java
- Utilized machine learning algorithm to train the Naïve Bayes Classifier to compute probability of spam emails in a set of 3000+ labeled emails.
- Implemented training model and classifier using Java framework and tested output using probability comparisons for non-spam emails.

Website mia1678.github.io/big/index.html - HTML / CSS / JavaScript / PHP
- Implemented website about my experience and approach when building websites.
- Communicated to and listened with clients' needs.
- Applied UI/UX to fulfill client's desired features.

Tetris - Java
- Designed and developed Tetris with timing and scoring features.
- Collaborated as a team of 3+ and utilized leadership skills to communicate ideas.

Freediving Training App - In Progress
- Designing web app that customizes table training for divers based off aggregated diving record data.
- Implementing features that include pre-workout instructions to maximize divers' training, and recommendations of diving locations based of clients' geographical and atmospheric data.
- Self-learning Swift to create accessible and safe user interface including detecting divers' location and visibility during training sessions.

Work Experience & Leadership

Tutor | Seattle Central College - Science and Math Learning Center

September 2018 – December 2018
- Guided 15+ undergraduate students for 8+ hours a week, teaching a variety of introductory and advanced STEM courses including algebra, statistics, calculus, advanced calculus, physics, Python, and Java.
- Applied different teaching techniques based on students' learning ability.
- Awarded the International Tutor Training Program Certification for having 75+ hours of training and undergraduate tutoring.

Student Organization Resource Council Clubs Executive (SORC) | Seattle Central College

June 2018 – December 2018
- Heavily involved self in decision-making processes in reviewing funding requests per fiscal year, totaling up to 50.
- Served as Commissioner for 10+ student organizations, which involved engaging in campus equity, student inclusion, and social justice issues.
- Facilitated clubs' financial needs and ideas while providing active training helping clubs to organize events.

Director of Taiwanese Youth Alliance of the Pacific Northwest | University of Washington

September 2017 – December 2018
- Led team of Marketing officers to provide a diverse networking platform for undergraduate students and young professionals to engage in Taiwanese culture.
- Took charge of designing marketing materials (business cards, flyers) for community events and assisted in event photography.
- Act as direct liaison for Marketing team.
- Increased social media engagement by 250+ new members by managing TYAPN's website, Facebook, Instagram and sent monthly newsletters.