

Noelle Merclich

GitHub: NoelleBelle2323

Skills

- Java
- C/C++
- Python
- HTML/CSS
- Mobile Development

Past Courses

- Data Structures
- Programming Languages
- Systems Programming
- Intro to Discrete Mathematics
- Hardware/Software Interface
- Intro to Digital Design

Intended Courses

- Algorithms
- Computational Linguistics
- NLP

Achievements

- Runner-up Best User Interface, SWEHacks **2018**
- Best Social Impact Hack, MLH Local Hack Day **2017**
- Annual Dean's List **2017-2018, 2018-2019**
- David and Cathy Habib Endowed Scholarship **2017&2018**

Academic History

University of Washington, Seattle, WA

Major: Computer Engineering

Intended Graduation: June 2021

Minor: Linguistics

GPA: 3.72

Work History

Software Engineering Intern, Mission Support and Test Services

June-August 2019

- Contributed to national security while working as part of a team in the Remote Sensing Laboratory on Nellis Air Force Base.

Teaching Assistant, University of Washington

HCDE 598 C

Sept 2018-March 2019

- Assisted in grading assignments/general preparation for a Master's class to develop foundational programming and Processing skills through p5.js. Built a website to display student work.

CSE 190 Startup

August 2017-Present

- As head TA of Startup I aid direct admits to the Paul G. Allen School of Computer Science and Engineering with assignments/learnings related to Arduinos, p5.js, HTML/CSS, Edison robots, Circuit Playground, and Code.org's App Lab. Additionally, I seek to foster community through the organization of various extracurricular events.

Data Science Research Assistant, UW Datalab

June-August 2016

- Modified Python scripts to isolate individual rumors for training and testing data.
- Investigated how to improve a current machine learning model trained to classify the rumor stance of a tweet.

Projects

Lead Developer for Industry Salon App

June 2018-Present

- Implement features for an application that allows customers to manage their appointments at Industry Salon in Seattle utilizing Xamarin for cross-platform development.

HCDE ASB Directed Research Group

Dec-March 2018 & 2019

- Crafted curriculum for computer science principles using Scratch and Circuit Playground Express, then taught it to 3 classes of high schoolers within the Makah Indian Reservation over spring break.

Community Involvement

Society of Women Engineers

Sept 2017-Present

- Attend monthly meetings to discuss ways to improve the experience of women in STEM majors at the University of Washington.

Assistant for Tahoma Speech and Debate

Sept 2013-Present

- Serve as a judge for local Washington tournaments, and coach students in improving upon their communication skills.