

Noelle Merclich

noelle23@uw.edu | GitHub: NoelleBelle2323

Past Courses

- Data Structures
- Programming Languages
- Systems Programming
- Foundations of Computing I/II
- Hardware/Software Interface
- Linux Tools

Intended Courses

- Algorithms
- Computational Linguistics

Achievements

- Runner-up Best User Interface, SWEHacks 2018
- Best Social Impact Hack, MLH Local Hack Day 2017
- David and Cathy Habib Endowed Scholarship 2017, 2018
- National Technical Investigators' Association Scholarship 2019
- Direct Admit to the Paul G. Allen School of Computer Science and Engineering

Skills

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

Academic History

University of Washington, Seattle, WA

Major: Computer Engineering

Minor: Linguistics

Intended Graduation: June 2021

GPA: 3.68

Work History

Software Engineering Intern, Mission Support and Test Services **June 2019-August 2019**

- Established a GUI for a software defined radio, enabling the project to be noticeably ahead of schedule for the monthly report
- Expanded existing firmware for a microcontroller

Teaching Assistant, University of Washington

▪ **HCDE 598 C** **Sept 2018-March 2019**

Assist in grading assignments and general preparation for a Master's class meant to develop foundational programming and Processing skills through p5.js

▪ **CSE Startup** **August-Sept 2017-2019**

As head TA, I aided 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

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 2017-March 2018**

- Crafted curriculum for computer science principles using Scratch, and taught 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

Engineers Without Borders **Sept 2017-June 2017**

- Assist in the fabrication of the team's current solar-powered charging station project, and search for potential installation sites

Assistant for Tahoma Speech and Debate **Sept 2013-Present**

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