

Aishwarya Mandyam

425-241-1236 | aishrm2@cs.washington.edu | linkedin.com/in/aishwaryamandyam | github.com/eyeshoe

Education

University of Washington, Seattle WA

Graduating June 2019

Major: B.S. Computer Science, B.A. Philosophy **Minor:** Neural Computation and Engineering

Relevant Coursework: Artificial Intelligence, Machine Learning, Neural Engineering Tech Studio, Systems Programming, Hardware Software Interface, Operating Systems, Computational Biology, Data Structures and Algorithms

Skills

Mastery (daily use): Python, Git, Java, LaTeX, Linux

Proficient (6+ months): C++, C#, C, HTML/CSS

Professional Experience

Microsoft, Software Engineering Intern, Xbox Shell Speech

06/2017 – 09/2017

- Built a system to bring voice control to the Xbox through third party voice controlled devices
- Developed with Azure, AWS, LUIS (Language Understanding Intelligence Service)
- Presented to the Corporate Vice Presidents, project is scheduled to ship

Microsoft, Explorer Intern, Outlook Satisfy Team

06/2016 - 09/2016

- Developed an Outlook plugin that displays tickets and diagnostic information for employees (.NET Application)
- Presented to the Corporate Vice Presidents and other leadership members, shipped internally

Expedia, Software Developer Apprentice, Cruise Team

06/2015 - 08/2015

- Implemented a responsive web design for the Cruise websites with a group of 5 engineers
- Presented finished responsive design to President of Brand Expedia and Senior Vice Presidents, project shipped

Extracurricular Activities

UW Allen School Undergraduate Diversity Committee Rep.

- Worked with professors, graduate students and staff to address diversity issues in school

06/2017 – Present

DubHacks, Finance Director

05/2016 – 11/2017

- Organized DubHacks, the University of Washington's largest hackathon
- Created and managed a six figure budget that involved all expenses

UW ACM (Association of Computing Machinery) Chapter, President

06/2016 – Present

- Organized many social and academic events for the undergraduate community in the Allen School
- Focused on addressing diversity, inclusion, mental health awareness

UW Hyperloop, Control Systems Engineer

06/2016 – 01/2017

- Created a telemetry design for the pod in order to visualize sensor data, pod won 6th place in the global competition.

Research

Molecular Information and Systems Lab

12/2017 – Present

- Building a method to store data within DNA.
- Developed supplemental tools to aid in a social media campaign to encode more data within DNA

Center for Sensorimotor Neural Engineering

10/2015 – 08/2016

- Worked with PhD students to collect data about how a person best learns a second spoken language
- Built tools to analyze this data and presented solutions to fellow researchers.

UbiComp Lab

08/2015 – 01/2017

- Built an Android app to improve phone's touchscreen performance when wet in the rain.