

Aayushi Modi

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EDUCATION

University of Washington | B.S. Computer Science September 2019 – December 2022

- Direct Admit to the Paul G. Allen School of CS & Engineering | Cumulative GPA: 3.79
- Key courses: Machine Learning, Operating Systems, Networks, Databases, Data Structures, Algorithms

EXPERIENCE

Software Engineering Intern | Microsoft June 2022 - Present

- Working on data durability anomaly detection on Substrate Storage Fabric in M365 Core

Software Engineering Intern | Facebook (Meta) August 2021 – November 2021

- Improved speed and quality of domain onboarding for Model Based Dialog (MBD) for Assistant
- Edited and wrote scripts, all in Python, to allow for easier testing of models and config file generation

Software Engineering Intern | Microsoft June 2021 – August 2021

- Exposed per server power data using C#, REST APIs, Cosmos DB, and Kusto in both data tables and visualizations
- Developed interactive visualizations to showcase power & CPU data for thousands of datacenter server racks
- Enabled overall COGS saving efforts by providing monitoring and access to previously unavailable granular data

Teaching Assistant | Paul G. Allen School of Computer Science & Engineering Sept 2020 – June 2021

- Teaching assistant for CSE 332: Data Structures & Parallelism for 3 quarters
- Taught weekly review section, graded assignments for 200 students, & provided support in office hours

Explore Intern | Microsoft June 2020 – Sept 2020

- Extracted & filtered real time MS Teams Audio Conferencing Data from Cosmos DB using C#
- Displayed that data in graphical visualizations on a webpage using JavaScript & HTML/CSS
- Allowed for thousands of data points to be synthesized for better access, understanding, & analysis

High School Intern | Microsoft Summer 2018, Summer 2019

- Year 1: Investigated parameters & security issues regarding the tenant branding functionality of office.com shell header and implemented a search bar for apps on the office.com shell header in TypeScript using React
- Year 2: Obtained raw Azure DevOps data regarding pull requests, code reviews, and lines changed with REST API calls, processed the data and displayed it in leaderboard style widgets using JavaScript, HTML, & CSS

EXTRACURRICULAR ACTIVITIES

Logistics Manager | UW Raas May 2020 – June 2022

- Handled all team logistics including competitions, finances, travel, and any other organization required

Philanthropy Chair | South Asian Student Association June 2021 – June 2022

- Raised awareness and funds for a South Asian philanthropy on campus and at events with hundreds of students

Associate Officer | UW Association for Computing Machinery (ACM) October 2020 – June 2021

- Worked to build CSE community through events and engagement with students and faculty

Hackathon Team Member | Inspiring Girls Now in Technology Evolution July 2018, 2019, 2020

- Developed Small Basic Online curriculum for K-12 students and improved website accessibility

PROJECTS

Allai.Space

- Web platform made with JavaScript & Flask that autocorrects for inclusive language with Google Cloud NLP APIs

HONORS & AWARDS

- UW Annual Dean's List & Quarterly Dean's List for all Quarters **Present**
- Hack '20 Identity Track Winner – Project: Allai.Space **August 2020**
- National Center for Women & Information Technology Affiliate Award Recipient **May 2019**

SKILLS

- Languages: Java, JavaScript, TypeScript, C, C#, HTML, CSS, Python, Bash, SQL
- Other: React, Flask, REST APIs, .NET, Git, Linux, MS Office