Sofiya Mitchell

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Summary of Qualifications

Enthusiastic and highly motivated third-year computer science student interested in front-end or full-stack development, pursuing a degree in Computer Science at the University of Washington.

- **Languages:** Fluent in Java, Python, and JavaScript; proficient in HTML/CSS
- **Technologies:** Git, React, Vue, Typescript, Jupyter Notebook, Matplotlib, scikit-learn
- **Skills:** Strong teamwork, leadership, problem-solving, and communication skills

Education

University of Washington | Seattle, WA | Expected graduation June 2024
Bachelor of Science, Computer Science | 3.79 GPA

- **Relevant coursework (through Spring 2022):** Differential Equations, Matrix Algebra, Computer Programming I/II, Data Structures and Algorithms, Foundations of Computing I/II, The Hardware/Software Interface, Data Structures and Parallelism, Project Management
- **Honors/Awards:** Dean's list

KTH Royal Institute of Technology | Stockholm, Sweden | August 2022 – January 2023
Computer Science department direct exchange

- **Relevant coursework:** Masters level courses in Machine Learning and User Interfaces and Web/Mobile Development

Experience

Eat Together | Seattle, WA
Software Developer | February 2022 – Present

- Developed from scratch an app for a student-run startup aiming to bring students together for meals
- Worked on a small team of developers to design, create framework, and implement features for the app
- Programmed multiple user-facing features such as the profile page, embedded maps, and location search function using JavaScript, React Native, Yelp API, and Firebase
- Ideated innovative features and generated insights based on user feedback, iterated and published updates

Ubicomp Lab | Seattle, WA
Research Assistant | January 2022-June 2022

- Built multiple different components of a finger sensor for AR/VR users
- Created 10+ different interactive data visualizations and performed low-level programming with Arduino for hardware-software interactions

Husky Snow Club | Seattle, WA
June 2021-Present

- Co-President leading one of the largest clubs on campus with over 1500 members
- Collaborate with and manage 8 other officers helping plan events and trips, reach out to sponsors, create and sell merch, manage membership, promote the club, and much more

Projects

CampusMap | *React, Java, JavaScript, Spark*

- Built a map UI of my university campus capable of displaying the shortest path between any 2 of 388 buildings using a React front-end application, Java Spark back-end, and implementing different ADTs

Husky Snow Club official website | *HTML and CSS*

- Led a team of three in creating a new club website that gets over 100 views each week, employing my knowledge of HTML as well as learning new HTML, CSS, and UI/UX design skills

Multiclass Name Classifier | *Python, Pandas, scikit-learn*

- Created a machine learning model to process given data and predict which of three name classes a given data point belonged to with a 90% accuracy rate