

Razeen Samir

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EDUCATION

University of Washington

B.S. Computer Science

Seattle, Washington

Expected Graduation, June 2027

- Dean's List (Fall 2024, Winter 2025)
- **Related Coursework:** Data Structures and Algorithms, Hardware Software Interface, System and Software Tools, Software Design and Implementation (Fall 2025), Discrete Math, Linear Algebra with Applications

PROJECTS

NIL College Sports App

Project Lead

Seattle, Washington

March 2025 – Current

- Designing and developing a **mobile based application** that is cross platform using tools such as **React Native** and pairing that with an **Expo** framework to make testing a lot easier. Collaborated with co-founder on Github using version control
- Utilizing **JavaScript**, **HTML**, **CSS**, and **Node.js** for code along with **Cursor.ai**. Using **Firebase (Firestore/Auth)**
- As someone who's very passionate about sports and helping others, allowing college athletes who don't benefit from the current way NIL (Name Image Likeness) is set would be a great intersection of both interests

Ciphers

Encryption and Decryption

Seattle, Washington

January 2025

- **Developed a suite of encryption algorithms** in **Java**, including **Caesar Shift**, **Caesar Key**, **Substitution**, and **Combined Ciphers** for secure message encoding and decoding.
- Built testable architecture with a **Client interface** for user input and a **testing class** to validate cipher correctness through **JUnit** tests.
- Emphasized **data security principles** and string manipulation to simulate layered encryption, whilst also using **object-oriented programming design**

EXPERIENCE

Kojima Lab of Eye Movement @ UW

Research Intern

Seattle, Washington

May 2025-Current

- Assisting in the development of a **VR-based** experimental platform to study covert saccades in patients
- Working with **Vive Focus 3**, **CED1401**, and **National Instruments** hardware to collect synchronized eye/head data
- Integrating **Unity** with hardware APIs to establish real-time data communication between the VR headset and acquisition systems. Writing scripts in **C++** and **C#**.
- Troubleshooting technical issues related to device connectivity, signal flow, and system calibration

8vc Llama Stack Challenge

Team Member; Privacy focused productivity app

Seattle, Washington

April 2025

- Collaborated in a team of **three developers** to design and build a **web application** that analyzes user time and behavior data to provide **personalized productivity insights**.
- Leveraged the **LLaMA Stack (i.e. Ollama)** to run all model inference **locally**, enhancing data privacy and enabling users to share richer behavioral data **offline**.
- Gained hands-on experience in **LLM deployment**, **prompt chaining**, and **fine-tuning models** to tailor outputs for specific user productivity patterns.

ACTIVITIES AND LEADERSHIP

Cseed @ UW

Cohort 3 Builder (Innovative application building)

Seattle, Washington

April 2025-Current

Muslim Students Association @ UW

Public Relations Officer (in charge of outreach and advertising)

Seattle, Washington

April 2025-Current

Associated Students of UW

Senator (sponsored various bills like reducing student parking costs)

Seattle, Washington

October 2024 – Current

SKILLS

Programming: Java, JavaScript, HTML/CSS, C, Node.js

Tools: Firebase, React Native, Expo, PowerShell, Bash, Unity, Llama Stack, Git, Tailwind CSS, Android Studio, Junit, Cursor AI