

# GARV MAHESHWARI

☎ 425-394-8379 ✉ [garvmgarv@outlook.com](mailto:garvmgarv@outlook.com) [linkedin.com/in/garv-maheshwari](https://www.linkedin.com/in/garv-maheshwari)  
🌐 [garvmaheshwari.github.io](https://garvmaheshwari.github.io)

## EDUCATION

- **University of Washington** Sept. 2023 - June 2027  
Bachelor's of Science, Computer Science and Software Engineering  
**Courses:** CSE Intro Series (Java), Data Structures & Algorithms, Database Systems, Languages & Implementation

## SKILLS SUMMARY

- **Languages/Frameworks:** Java, Dart, SQL, C, OCaml, Flutter
- **Tools:** Git, Azure SQL Database, NoSQL, REST APIs, Firebase Firestore

## EXPERIENCE

- **Washington Alliance for Better Schools (WABS)** Shoreline, WA  
Data Intern July 2025 - Present
  - Built a volunteer sign-up and orientation platform that connects over **1500** students with STEM learning opportunities taught by **200** industry mentors per year.
  - Using agile methodologies, independently built and maintained platform leveraging WABS' existing suite of tools (Typeform, Firespring).
- **UW Society for Advanced Rocket Propulsion (SARP)** Seattle, WA  
Avionics Flight Computer Team Engineer November 2023 - Present
  - Programmed STM-32 peripheral drivers in **C** as part of effort to replace legacy system with an STM-32 microcontroller.
  - Collaborated on power distribution board sub-team to create a power system that can seamlessly switch from ground power to battery backup.
- **UW Design, Build, Fly (DBF)** Seattle, WA  
Payloads Mission II Project Lead Oct 2023 - May 2024
  - Managed the Payloads Mission II subteam for the 2023-24 AIAA DBF competition, where our team placed **3rd** internationally.
  - Iteratively designed, prototyped, and manufactured fixtures to secure Mission II cargo.
  - Collaborated with Aerodynamics and Fuselage teams to optimize the payload cargo.
- **Microsoft University Shadowship Program** Seattle, WA  
Program Mentee Apr - May 2024
  - Directly engaged with current Senior Software Engineers to gain insight into the software development process and understand industry practices.
  - Shadowed a Senior Software Engineer 1:1, receiving guidance on entering the workplace with knowledge of emerging industry trends.

## PROJECTS

- **Vaccine Appointment Scheduling System:**
  - Developed application that stores caregiver schedules, appointments, and vaccine doses.
  - Programmed in Java using the builder design pattern and Azure SQL Database in the back end for data structures class. **(Java, Azure SQL Database)**
- **Price Match Product Comparison App:**
  - Interviewed a client and designed & developed a full stack web app to their specification, providing price information about products consumers want to purchase at popular online retailers.
  - Programmed in Dart using object-oriented programming concepts, Firebase Auth, and Retail APIs. **(Dart, Flutter, REST APIs, Git).**
- **Skyline National Honors Society Volunteering App:**
  - A full-stack mobile app that tracks National Honor Society members' volunteer hours; implemented in Dart using object-oriented programming, ADTs, Firebase Firestore NoSQL database, and Firebase Auth. **(Dart, Flutter, NoSQL, Git)**
  - Conducted interviews to discuss the problem, design, and core functionality of the mobile app the client desired.