

# Aidan Petta

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<https://aidanjp8.github.io/myPortfolio/>

## EDUCATION

**University of Washington, Paul G. Allen School of Computer Science**

**June 2024**

*Bachelor of Science in Computer Science*

Freshman Direct Admit (selective early entrance program)

**Relevant Coursework:** Capstone Software Design to Empower Underserved Populations, Software Design and Implementation, Algorithms, Data Visualization, Computer Ethics, Data Structures and Parallelism

## RELEVANT EXPERIENCE

**ODK, Open Data Kit | Full-Stack Developer**

March 2024 - June 2024

*Capstone Software Design to Empower*

- Collaborated with original ODK developers to uncover foundational insights and identify avenues for project expansion and refinement.
- Enhanced user interface, cross-platform compatibility, and direct Excel integration to bolster digital data collection efficacy in low-resource health settings.
- Implemented ODK-Extension for real-time data submission via SMS and streamlined assessment from completion in humanitarian contexts, enhancing efficiency and data accuracy.

**Get It Done | Backend Developer**

March 2023 - June 2023

*Software Engineering, University of Washington*

- Facilitated interactive sessions to explain project concepts, demonstrate functionality, and solicit suggestions for enhancements.
- Share knowledge and skills within the team to ensure effective learning and implementation of new tools.
- Acquired practical skills by employing market-driven strategies and the Agile methodology.

**UMessage | Full-Stack Developer**

January 2022 - March 2022

*Software Design and Implementation, University of Washington*

- Demonstrated proficiency in Java programming and algorithm design to deliver robust solutions for real-time text correction and suggestion systems.
- Developed various tools like auto-correction and word suggestion features, using data structures, and sorting methods to enhance functionality.

## LEADERSHIP ACTIVITIES

**The Benji Project | Student Representative**

September 2018 - June 2022

*Port Townsend, Washington*

- Shared my experience with mental health to assist the leadership team with event ideation and execution.
- Organized summer camps and in-class speakers for high school students.
- Made imminent decisions to better the outreach and penetration of the nonprofit.

## ADDITIONAL INFORMATION

**Languages:** Java, JavaScript, Dart, C++, Python

**Technologies and Frameworks:** Spring, CSS, Node.JS, HTML, Angular

**Libraries:** React, Flutter, D3.js, JUnit, NumPy

**Databases:** Firebase, HiveDB, MongoDB, MySQL

## OTHER EXPERIENCE

**Din Tai Fung | Server and Host**

March 2021 - Present

- Managed a team of 7 in a high-volume restaurant consistently serving approximately 200 guests at a time.
- Evaluated fast-changing restaurant environments to set optimal wait times, directed and collaborated with team members.
- Maintained oversight of numerous orders to ensure accurate preparation and delivery of dishes.