

# Amy Lee

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## Education

University of Washington, BS in Computer Science

June 2026

- **GPA:** 3.96/4.0
- **Dean's List Recipient:** 4/4 quarters
- **Coursework:** Software Design and Implementation, Data Structures and Parallelism, The Hardware/Software Interface, Introduction to Data Management

## Work Experience

Student Technology Loan Program Assistant, University of Washington

May 2024 - Present

- Upkept and maintained the devices available for current UW students to borrow for free under the Academic Technologies department.
- Operated troubleshooting and turnover processes for a fleet of 1000+ devices (Windows, MacOS, and iPadOS).

Instructional Assistant, University of Washington

July 2024 - August 2024

- Taught the fundamentals of Java to high-school students while assisting them with debugging their code and creating their projects.
- Assisted with the setup and maintenance of on-site computer hardware, software, inventory management, and internet connectivity to ensure all programs and devices run effectively.

## Projects

GenOne | Java, Node.js, MongoDB

July 2024 - September 2024

- Oversaw team of 4 additional developers from HeadstarterAI Fellowship to build an application to provide students with links to job postings, alumni contacts, and career resources.
- Created a landing page and contacted school alumnus and curated a database of willing mentors for university students.
- Implemented searching, sorting, and filtering methods to ensure easy access for all resources provided.

UMessage | Java, Firebase

June 2024

- Developed a full-stack texting application that offers auto-complete and word suggestions for users to utilize, implemented using AVL-Trees, B-Trees, Heaps, Tries, and Dictionaries developed from scratch.
- Enabled users to store and retrieve their chat logs with bots and other users using a persistent database.

Flashcard Application | Typescript, HTML/CSS

March 2024

- Designed a full-stack application that allows users to create, view, practice, and test with flashcard decks, ensuring data persistence across page reloads.
- Enabled users to track their practice scores, view all past scores, and analyze their mistakes, ensuring accurate and user-friendly performance tracking.

## Extra Curriculars

Tech Operations Lead, UW Korean Student Association

August 2024 - Present

- Developed and maintained a membership database to manage 200+ KSA members efficiently, streamlining event logistics and ensuring timely provision and setup of all event tech devices required.

## Technical Skills

**Programming Languages:** Java, JavaScript, Typescript, Python, SQL, C++, React.js, Node.js, Git

**Frameworks & Developer Tools:** React.js, Node.js, Git, Vim, Visual Studio Code, IntelliJ

**Spoken Languages:** English, Spanish, Korean