

Ava Nunes

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EDUCATION

University of Washington, B.S. in Computer Science

Sept 2023 - June 2027

Relevant Coursework: Data Structures & Algorithms, Software Design & Implementation, Systems Programming

Awards: Annual Dean's List 2023-2024, Annual Dean's List 2024-2025

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, C, C++, SQL, HTML, CSS

Frameworks & Tools: Next.js, Git, Figma, Sanity, JUnit, React, LaTeX, React Native, Linux

WORK EXPERIENCES

Software Engineering Intern at narb.

Seattle, WA

Sensors, Energy, and Automation Laboratory

Seattle, WA

Website Team Lead & LLM Research Assistant | TypeScript, Next.js, Google App Script, Python, Figma

Jan 2025 - Present

- Leading a group of around 12 college and high school students in writing academic papers and developing the lab's productivity software, website, and other software projects
- Maintaining and improving the SEAL and UW Industrial Training and Assessment Center websites and servers
- Conducting research on the design and implementation of novel Custom GPTs and its implications for human-AI interaction

Web Impact UW

Seattle, WA

Web Developer & Project Lead | Next.js, Git, HTML, Tailwind CSS, Sanity, Figma

Oct 2024 – June 2025

- Created and deployed responsive websites for local businesses and clubs at UW in collaboration with design teams to inform user-friendly and accessible UI
- Spearheaded the project vision and provided mentorship in tools such as Git, Next.js, and Sanity

Paul G. Allen School of Computer Science & Engineering

Seattle, WA

CSE 190B Teaching Assistant | Undergraduate teaching

Sept 2024 – Dec 2024

- Focused on a group of 30 computer science students from a direct-admit class of 320+
- Prepared and provided activities pertaining to academic success, career preparation, personal growth, as well as inclusive behavior and responsibility in computer science

PROJECTS

Dashboard Website | TypeScript, Next.js, CSS, HTML

Mar 2025 – Present

- Leading development for a responsive dashboard web application to track and manage lab tasks and user statuses in real time
- Implementing live data editing and synchronization, providing a seamless user experience for modifying task assignments, completion statuses, and lab progress
- Building a clean, user-friendly interface with custom CSS and HTML ensuring readability and intuitive navigation for non-technical users

Flights Application | PostgreSQL, Java, SQL, JDBC, JUnit

Apr 2025 – May 2025

- Designed and implemented a relational database schema to model users, flights, and user reservations for a simulated airline booking system
- Developed core backend functionality in Java using JDBC to interact with a PostgreSQL database, focusing on secure user account creation, login authentication, and balance management
- Created efficient flight search algorithms that returned sorted flight itineraries based on dynamic user-specified criteria

Campus Paths | TypeScript, React, React Native, HTML, CSS

Oct 2024 - Dec 2024

- Built an interactive map UI with React, allowing users to select UW campus buildings and visualize paths between friends using markers and dynamic map overlays
- Integrated client-server communication via custom REST API routes, handling user queries and delivering JSON responses

LEADERSHIP

Web Impact UW

Seattle, WA

Incoming Coding Officer

Oct 2025

- Will be delivering weekly workshops on web development fundamentals, covering topics including React, Bootstrap, REST APIs, Node.js, and version control