

Daniel Zeller

dnnyzllr@gmail.com | github.com/dnnyzllr

EDUCATION

University of Washington Bothell

Bachelor of Science in Computer Science & Software Engineering | Expected Spring 2027

Relevant coursework: Data Structures and Algorithms, Software Engineering, Database Systems, Computer Architecture

TECHNICAL SKILLS

Languages: C++, Java, TypeScript, HTML, CSS

Frameworks and tools: React, Node.js, Express, Git, GitHub, C++ STL, Microsoft Excel

PROJECTS

CarbonCart | UWB Hacks 2026 | April 2026

TypeScript, React, Node.js, Express, Gemini API | github.com/OctsSee2/UWB-Hacks-2026

- Built the majority of the backend and contributed frontend features for a Chrome extension that estimates product emissions while shopping on Amazon, Target, and Walmart.
- Integrated Gemini through Express API endpoints for product classification and alternative suggestions; added response validation and fallback handling for unavailable results.
- Collaborated with three teammates from computer science and data visualization backgrounds and demonstrated the working prototype to hackathon judges.

Sorting Algorithm Performance Analysis | Academic Project | March 2026

C++, STL, std::chrono, Microsoft Excel

- Implemented bubble, insertion, merge, and quicksort in C++; benchmarked sorted, reversed, and random arrays across five input sizes from 256 to 32,768 elements.
- Averaged five trials across 60 algorithm/input configurations and visualized runtime trends in Excel to compare measured performance with theoretical time complexity.
- Investigated quicksort failures on larger ordered inputs and changed from a last-element to a middle-element pivot to reduce unbalanced partitioning on those inputs.

EXPERIENCE

AMC Theatres | September 2022 - Present

Manager | January 2024 - Present

Kitsap 8, Woodinville 12, and Alderwood Mall 16 | Washington

- Lead teams of up to 20 employees per shift and support theater operations across three locations; promoted to manager at age 18.
- Work across human resources, operations, food and beverage, projection booth, and performance scheduling, adapting to staffing and operational needs at each location.
- Selected as one of 25 participants from a companywide population of approximately 2,000 managers for the Leadership Institute for Tomorrow (LIFT).
- Recognized as Employee of the Month and a Manager Spotlight program winner.