SPENCER MADDEN

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EDUCATION

University of Washington, Computer Science, Bachelors of Science   **2023 — Present**

- Direct Admit to the Paul G. Allen School of Computer Science
- GPA: 3.7
- Dean's List: Autumn 2023, Winter 2024
- Relevant Coursework: Hardware/Software Interface | Data Structures and Parallelism | Foundations of Computing I/II | Matrix Algebra | Software Design and Implementation | Programming Languages
- Junior Class Standing

Bellevue High School   **2023 — Present**

- SAT: 790 Math, 770 English
- Honor/Awards: National AP Scholar, 4.0 cumulative GPA

EXPERIENCE

Server, Dough Zone Dumpling House   **Jun 2024 — Sep 2024**

- Coordinated seamlessly with kitchen and front-of-house staff to ensure a smooth and efficient dining experience
- Demonstrated strong multitasking ability by managing multiple tables, orders, and customer needs simultaneously during peak hours
- Utilized conflict resolution when addressing customer concerns, maintaining high satisfaction levels and repeat business

Eagle Scout Project Leader, Scouts BSA   **Jun 2021 — Feb 2022**

- Seamlessly managed and organized successful work events ensuring completion of the project within the period approved by the church
- Worked closely with multiple representatives from the city and church concerning safety and how to best secure the project site for worship

Front End Lead, Husky Coding Project   **Oct 2023 — May 2024**

- Lead the front-end development team for PickUp within Husky Coding Project, ensuring a seamless user experience.
- Fostered cross-functional collaboration with back-end developers, ensuring smooth integration of front-end components.
- Implemented rigorous testing procedures, conducting regular code reviews to maintain a high standard of quality and identify and rectify bugs.

EXTRACURRICULARS / PROJECTS

Motion - Husky Coding Project   **Present**

- Currently using React to develop "Motion," a platform designed to help college students discover and RSVP to events around their campus easily. The platform aims to assist individuals who may not be naturally social or outgoing by providing them with opportunities to connect and engage with their campus community.

Campus Path Finder   **Jan 2025**

- Implemented Dijkstra's algorithm to find optimal paths based on a grid system, ensuring efficient routing for anyone trying to navigate campus.
- Utilized JavaScript and TypeScript for algorithm logic, leveraging data structures like heaps and maps for priority queue management and adjacency lists.

SKILLS

- Code: Java, Python, Javascript/TypeScript, React, HTML/CSS, OCaml
- Conversational Spanish
- Misc: WA State Food Handler's Certification

ACHIEVEMENTS

National Honor Society   **2022 — 2023**

Eagle Scout   **2022**