

Parker Conrad

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EDUCATION

Oregon State University

Honors BS, Computer Science, 3.9/4.00 GPA

Focus on Artificial Intelligence and Web/Mobile Development. Minor in Mathematics.

Expected March 2024

Corvallis, OR

WORK EXPERIENCE

Daimler Truck North America

Manufacturing Systems Engineer Intern

Jun 2022 – Present

Portland, OR

- Implemented Programmable Logic Controller solutions, resulting in an increase in production efficiency.
- Developed and designed two full stack web applications, aiding in factory digitalization.
- Utilized data analysis and visualization tools to extract valuable insights from manufacturing data.

Thermo Fisher Scientific

Software Engineering Intern

Mar 2022 – Sept 2022

Hillsboro, OR

- Developed a 12-page web application for clients to calibrate, control, and analyze electron microscopes.
- Designed and engineered the full-stack app through .NET 6, Blazor, and gRPC.
- Implemented 30+ tasks and successfully presented our app to stakeholders, ensuring future development.

Center for Applied Systems and Software (OSU)

Student Full Stack Software Developer

Jun 2021 – Mar 2022

Corvallis, OR

- Led a team of 5 through a full-stack software solution and reduced system downtime by 50%.
- Engineered front-end development through VueJS and AgGrid, back-end via .NET 6 and ActiveMQ.
- Designed a communication architecture with a REST API, ActiveMQ Message Broker, and MySQL DB.

Buni Surfboard Company LLC

Co-Founder

Aug 2020 – Present

Corvallis, OR

- Maintained a strong focus on sustainability and eco-friendly practices in the manufacturing processes.
- Managed all aspects of the company, including production, sales, marketing, and finances.

INVOLVEMENT

Global Formula Racing

Autonomous Systems Engineer

Jun 2022 – Present

Corvallis, OR

- Responsible for Trajectory Planning and Control for our Autonomous Race Car.
- Developed and implemented several control algorithms and improved lap times by 50%.

Develop For Good

Product Manager / Full Stack Developer

Sept 2021 – Present

Stanford, CA

- Developed an app for the Environmental Defense Fund to report hazards with ReactJs and Flask.
- Led a team of 12 at XtraMath to develop a robust data warehouse, enhancing product performance.

SKILLS

Programming Languages: C, C++, C#, JavaScript, TypeScript, Python, HTML/CSS, Matlab, SQL, Ladder Logic, Kusto.

Frameworks: .NET, ROS, ReactJS, VueJS, Blazor, Flask, MonogoDB.

Libraries: Numpy, Scipy, Pandas, GraphQL, Signal R, ActiveMQ, gRPC, Google Firebase.