

BRAYDEN ALDRICH

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SOFTWARE DEVELOPER

Creative software developer, learner, and team player with experience in the automotive industry and web and mobile development. Studying Computer Science at Oregon State University, with three internships at Yazaki North America. Involved in StartOut, a startup designed to give professional experience to students. Personal interest in audio programming and UI/UX design.

- C/C++/C#
- JavaScript
- Python
- Go
- ReactJS
- SQL
- Excel Macros / VBA
- Pandas

EDUCATION

B.S in Computer Science, Oregon State University, 2025

PROFESSIONAL EXPERIENCE

Yazaki, Canton, Michigan

2022 to 2024

Software Engineer Intern, Stellantis BU

Summer 2024

Automation engineer creating plugins and macros to improve efficiency and workflow of wiring harness engineering.

- Created six sustainable macros that will save dozens of hours of work, having never coded in VBA before.
- Created a Load Calculator web application for the R & D Intern teams project showcase, with all animations and functionalities written in vanilla JavaScript

Software Engineer Intern, GM BU

Summer 2023

Worked alongside an engineering team to build an Excel plugin and a DLL for engineering efficiency.

- Created Excel plugin and DLL using C#, having never used the language before.
- Won the "Intern Process Improvement" challenge.

Software Engineer Intern, EI Software BU

Summer 2022

Worked in a Scrum team with other interns to create apps and process improvements for the business unit.

- Proved Python's use case by creating an application to interface with PTC Integrity. Recursively searches through users' permissions and displays the tree data structure on a Tkinter GUI.
- Revived the asset management project and compiled all asset sources into a proven data type within PTC Integrity.

NOTABLE PROJECTS

Collaborative Note Taking App

Oregon State University Capstone

Open-source note-taking website for Cybersecurity CTF Competitions. Utilizes SvelteKit, Go, and MySQL, containerized in Docker. My personal role was working on both the backend infrastructure and API connectivity.

Product Plan Discrepancy Sheet

Yazaki North America

Excel macro written in VBA that can read in multiple product plans, highlighting discrepancies and errors, then generates a compiled and corrected product plan for use in Yazaki applications.