

Milan Donhowe

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[GitHub](#) | [LinkedIn](#) | [StackOverflow](#) | [Personal Website \(Portfolio\)](#)

Soft & Technical Skills

- Strong programming skills in imperative languages (Python/Node/C/C++).
 - Knowledgeable on relational SQL database systems (MySQL & SQLite3).
 - Working knowledge of common developer tools (git, make, gdb, docker).
 - Good verbal and written communication skills.
 - Punctual with work obligations.
 - Experience using Cloud services (DigitalOcean & AWS).
 - Familiar with modern front-end web development technologies (TypeScript/React/Vue).
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Work Experience

Systems Engineering Intern at Niagara Bottling

June 2022 - Present

- Wrote Node.JS Programs for automated device control.
- Wrote Python scripts and configured tag-based data collection for OPC devices using [Ignition](#) (SCADA software).

Student Software Engineer at Oregon State University's Office of Sustainability

March 2021 - Present

- Maintained OSU's cloud-based "serverless" Energy Dashboard which tracks real time energy meter data from OSU's Corvallis campus, and wrote other in-house software like the infographic [sustainability map](#).
- Helped out with other tasks: kiosk computer management, manual meter reads, and ran volunteer groups).

University Learning Assistant for CS162 at Oregon State University

September 2020 - March 2021

- Worked remotely as a TA teaching Object-Oriented C++ for two academic terms.
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Education

Applied Computer Science at OSU

September 2019 - June 2023 (expected graduation)

- GPA (as of Fall 2022): 3.94

High School Diploma from Cleveland High School

September 2015 - June 2019

Extracurricular

OSU Security Club (OSUSEC)

- I help out as a volunteer coach for our weekly internal CTF League where we introduce various common software vulnerabilities to students via introductory level CTF problems.
- Recently competed with the team at the DEFCON 30 Finals and helped write our Exploit Thrower program (mostly the React front-end written in TypeScript).