

Serena Mower

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA — B.S. in *Computer Science & Minor in Creative Writing*

AUGUST 2020 - MAY 2024 ~ GPA: 3.8, High Distinction

TECHNICAL SKILLS

Experience With — *Workday Learning, WordPress, Microsoft Suite, Google Suite*

Programming Languages — *HTML, JavaScript, CSS, Python*

WORK EXPERIENCE

Manufacturing Specialist | Enercon Technologies, Gray, ME | MAR 2020 - JAN 2021 & JUN 2023 - AUG 2023

- Worked in the Surface Mount Technology department.
- Loaded/unloaded reels of components into/from feeders for the FUJI SMT machines, including marrying parts and feeders into a computer system.
- Set up, cleaned up, and tended to alarms for FUJI put-and-place machines, solder pasting machines, and ovens.
- Monitored the part consumption of the machines to be sure they never ran out and found alternative parts if required from inventory.

Junior Systems Developer | Enercon Technologies, Gray, ME | APR 2024 - MAY 2025

- Designed an internal web app and four production web apps to help the IT team through an ERP Upgrade.
- Internal tool was a web app for creating API requests or SQL execution statements, utilizing a middleware system to execute the requests. Allowed POST, GET, various types of SQL statements, and some system specific calls.
- Others were web apps that connected to the upgraded version of our ERP system and were required for a successful upgrade to meet the specific customizations for our business that the base ERP system didn't allow.

Quality Engineering Intern | IDEXX Laboratories, Westbrook, ME | MAY 2021 - AUG 2021 & MAY 2022 - OCT 2022

- Developed an onboarding program for new Software Engineers in Test that highlighted Agile project management and high-level data engineering concepts.
- Worked remotely with the Data Engineering team to develop Python and SQL scripts for testing.

WRITING EXPERIENCE

Walk2School Initiative: Interactive Qualifying Project — Technical Writing

- Traveled to Karmiel, Israel in April 2023 to work with Ort Kramim High School and a team of four other students on reducing traffic congestion by encouraging students to walk to school.
- Developed a mobile application that allows users to track their steps, see their rankings, and collect rewards.
- My primary role was in writing the research paper and related documents for the project.

Ramblings of Love: A Poetry Collection — Creative Writing

- Self-published in August of 2023, this poetry collection spans nearly half a decade of poems expressing first-love, unrequited love, and the rawness that comes with everything in between.

PERSONAL STATEMENT

I have always been a quick study. I'm able to pick up new technologies quickly while also being self-sufficient in debugging the problems I encounter. I have taken sample ideas and made them my own and I have replicated things as needed. I'm the type of person who notices things like the extra space between words without even trying. I try to find the good in anything as much as I can.