

Deven Mallamo

🏠 Rochester, Michigan | 📧 Deven Mallamo | 📧 NEVED123

Objective

Software Development Engineer at Amazon with experience designing and deploying software for millions of customers. Passionate about creating, programming, learning new skills and tools, solving problems, and helping others.

Education

Oakland University - GPA: 3.96

Graduated April 2025

B.S in Computer Science, B.A in Piano Performance

Work Experience

Software Development Engineer

Amazon.com, Inc. - Detroit, MI

January 2024 - Present

- Working in Vendor Central to improve code quality, allowing engineers to iterate quicker on bug fixes and new features to ensure Amazon vendors the best possible experience.
- Built a feature on the Seller Central user permissions page to provide metadata for roles that account owners can assign to their employees, giving more transparency about what pages and features specific roles grant access to on Seller Central.

Software Design Intern

KUKA Systems North America LLC - Clinton Township, MI

May - August 2023

- Used virtual commissioning software to create an environment to test PLC code that controls manufacturing plants for GM. Required a deep understanding of control flow, and strong problem solving and troubleshooting skills.
- Utilized C# and .NET to create a tool that can organize, query, and create testing notes, allowing employees to quickly find information about past projects and efficiently create new notes. The software increased productivity for our department, and its flexible design allowed for quick changes to be adapted by another department.

Projects

Four Player Chess Timer App

- Created a real-time four player chess clock application for Android and iOS using the Flutter framework to facilitate timing control for four players across different devices within the same local network.
- Designed the user interface using Figma, Flutter's widget library to implement the interface, and Dart for additional logic.

Mandelbrot Set Visualizer

- Developed a command line tool to generate a visualization of the Mandelbrot set, with customizable parameters for the resolution, zoom, and more.
- Utilized C++, OpenMP for parallelization, OpenCV for image processing, and developed using the CMake build tool and Conan package manager.

Technical Skills

Programming Languages - Java, JavaScript/TypeScript, C#, Dart, Python, C/C++, HTML, CSS, Scheme

Tools - Git/GitHub, Amazon Web Services, Linux, Various front-end and back-end frameworks

Activities and Achievements

Extracurricular Involvement - Various Musical Ensembles, Founder of the Rubik's Cube Club, President of the Chess Club, President of the Running Club

- Gained leadership skills such as recruiting and coordinating a team towards our clubs goals, organizing special events, and managing the club's budget.

Volunteer Work - Oakland School of Music, Rejoyceful Animal Rescue, World Medical Relief

- Became more active in the local community by helping with charitable causes.

Awards - Jennifer Scott Scholarship, MaTilDa Award, Dean's List