

Jodi Joven

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EDUCATION

University of Michigan, Dearborn, MI — *Bachelor of Science (B.S.) in Computer Science Candidate*

Expected Graduation Date: April 2025

Cumulative GPA: 3.85/4.00

Relevant Coursework: Computer Science I/II, Software Engineering I, Data Structures & Algorithm Analysis, Operating Systems, Computer Networks, Intro to AI, Database Management Systems, Mobile App Development

Extracurriculars: Google Developer Student Club, Operations Team Member for Hack Dearborn 3 Organizing Team

EXPERIENCE

Rocket Mortgage, Detroit, MI — *Software Engineering Intern*

May 2024 - PRESENT

- Develop new web pages using the Angular framework for the Rocket Mortgage Origination website.
- Engage in code reviews to ensure code quality and adherence to best coding practices.
- Write unit tests to validate the functionality and reliability of the backend and frontend code.
- Create new code features that are deployed weekly through the CI/CD pipeline.

ispace, inc., Centennial, CO — *Software Engineering Intern*

May 2023 - August 2023

- Wrote Python scripts to automate the import of cFS application C headers and the export of XTCE files to/from NASA's cFS Command and Data Dictionary software tool.
- Developed a Python-based command-line program that works as a user interface for sending telecommands and receiving telemetry through the Yamcs open-source software framework.
- Collaborated closely with Payloads and Mission Ops teams in order to support the development of a vehicle emulator for the Series 2 lunar lander.

Woodbridge Foam Corporation, Troy, MI — *Product Engineering Intern & Co-Op Student*

May 2022 - April 2023

- Optimized engineering processes by developing projects designed to automate standard operations.
- Created documentation for trim design releases and assisted with release process.
- Updated standard engineering documents to comply with modern automotive industry standards.
- Performed part testing in the lab and completed part deliveries.

PROJECTS

MaximMobile - Mobile Accessibility Checklist, Software Engineering Course, Group Project — *HTML, CSS, JavaScript, Python, Visual Studio Code*

November 2023 - December 2023

- Built a website that allows a mobile developer to assess the accessibility of an application using a checklist.
- Created an accessible user interface using UI/UX design strategies.
- Utilized the ChatGPT OpenAI API to generate accessibility recommendations for the user to incorporate into the mobile application, which is additionally displayed on the final score page.

ScholarMix, Hack Dearborn 2: Disrupt Reality — *Swift, Swift Playgrounds, XCode*

October 2023 - PRESENT

- Developed a prototype iOS application in 24 hours that connects compatible students together for studying.
- Designed an interface for texting, calling, video chatting, and studying using integrated study tools.

SKILLS

- **Advanced Languages:** C++, Python, HTML, CSS
- **Intermediate Languages:** Java, JavaScript, Kotlin, TypeScript
- **Familiar Languages:** SQL, C, Swift, x86 assembly language
- **Operating Systems:** Microsoft Windows, Linux Operating System
- **DevOps Tools:** GitHub, GitLab, Jira, Confluence
- **Productivity Software:** Microsoft Office (Word, Excel, Sheets, Powerpoint Power BI), Google Suite
- **Interests & Traits:** Object-Oriented Programming, Web/App Development, UI/UX Design, Effective Communication & Collaboration, Continuous Learning & Improvement, Project Management & Leadership