# Jennifer Weir

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## EDUCATION

**University of Michigan** | Ann Arbor, MI                                                                                May 2024
- Bachelor of Science in **Computer Science**, Minor in Complex Systems                              **GPA: 3.67/4.0**
- **Relevant Coursework:** Computer Vision (Current), Software Engineering (Current), Operating Systems, Human-Centered Software Design, Web Systems, Computer Organization, Data Structures and Algorithms, Foundations of Computer Science, Discrete Math

## SKILLS

**Coding Languages:** C++, Python, Java, HTML/CSS, Javascript/Typescript, React/React Native
**Frameworks & Platforms:** Selenium, Cucumber, Flask, PostgreSQL, Docker, Postman, Git/GitHub, AWS

## EXPERIENCE

**VOID Tech @ University of Michigan** | Ann Arbor, MI                                September 2021 – Present
*VP of Development | Full Stack Developer*
- Trained student developers in mobile app development using PostgreSQL, React Native, and Typescript
- Designed and implemented CRUD REST APIs that handle user authentication with password hashing, create and update user accounts in a relational database, and manage product listings in a user's feed
- Tested database designs with a running Docker Desktop container and simulated API calls with Postman

**Instructional Aide @ University of Michigan** | Ann Arbor, MI                August 2023 – December 2023
*SI 301 - Models of Social Information Processing (only taught during Fall Semester)*
- Lead regular office hours to help students with course materials through explanations and examples
- Assisted students while proctoring quizzes, answering questions on Slack, and grading homework/quizzes

**Ford Motor Company** | Dearborn, MI                                                          May 2023 – July 2023
*Software Engineer Intern | Ford Pro Insure Team Member*
- Pioneered the development of an open-source proof of concept for automated insurance testing, leveraging Selenium and Cucumber, to optimize testing procedures and increase test coverage on the Origami Platform
- Authored a whitepaper showcasing proof of concept, encouraging business partners to engage in software testing with Gherkin, leading to faster feedback loops and reduced time-to-market for the insurance product
- Spearheaded the implementation of agile, including Scrum with two-week sprints, and championed test-driven and behavior-driven development practices during Java development of automated test solution
- Configured Origami Risk insurance platform to adhere to business requirements from inception of the tool

**Northrop Grumman** | Palmdale, CA                                                         June 2022 – August 2022
*Systems Test Engineer Intern | NASA Contractor at Armstrong Flight Research Center*
- Developed an organizational calendar system in Excel using VBA macros to schedule maintenance and test events for the NASA Global Hawk team, increasing the 30 member team's scheduling efficiency and organization with potential for the tool to be acquired by other Northrop Grumman programs company-wide
- Reconfigured Mission Planning tools by updating VBA code and removing outdated data to optimize the UAV pilot experience, leading to a decrease in pilot error and an increase in UAV pilot satisfaction
- Certified by Jet Propulsion Laboratory to solder electrical/electronic assemblies like circuit boards and wires

## PROJECTS

**Haberman Fabrics Website** | habermanfabrics.com                                      May 2023 – Present
**Scrippt** | AI-powered platform that automated cover letter creation                January 2023 – May 2023

## EXTRACURRICULARS

**Girls in Electrical Engineering and Computer Science** | Ann Arbor, MI       September 2021 – Present
**Google Computer Science Research Mentorship Program** | Virtual                January 2022 – May 2022

## INTERESTS

Running, Biking, Swimming, Hot Yoga, Playing the Flute, U of M Football, Reading, Pop Culture, Tech News