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**
- **Coursework:** Operating Systems (Current), Human-Centered Software Design (Current), 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

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

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

EXTRACURRICULARS

Girls in Electrical Engineering and Computer Science | Ann Arbor, MI September 2021 – Present
Internal Relations Committee Member | Grace Hopper Scholarship Recipient

- Encouraged professional goals, academic achievement, and social development of women in tech at U of M
- Collaborated with internal relations committee in writing blog posts and creating content for the org website

Google Computer Science Research Mentorship Program | Virtual January 2022 – May 2022

- Emphasized the importance of underrepresented groups and discussed pathways within computing research during weekly 1:1 career mentorship meetings with a Google research scientist and small group peer review
- Recognized as one of 56 individuals to finish 2022A program: research.google/outreach/csrmp/recipients/
- Assisted applicants in refining and editing personal statements, resulting in their acceptance to the program

ADDITIONAL INFORMATION

- Worked at parents' small business, Haberman Fabrics, since before high school and gained valuable skills in running a business, such as customer service, effective communication, and marketing products
- Interests: Running, Biking, Swimming, Hot Yoga, Playing the Flute, U of M Football, Reading, Pop Culture