# 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: 3.7/4.0**
- **Awards:** University Honors (2020 – 2022), James B. Angell Scholar (2022)
- **Coursework:** Web Systems (Current), Computer Organization (Current), Data Structures and Algorithms, Foundations of Computer Science, Programming and Data Structures, Discrete Math

## SKILLS

**Coding Languages & Frameworks:**

C++, HTML/CSS, Javascript/Typescript, React/React Native, Python, Git/GitHub, Postgres, Docker, Postman

## EXPERIENCE

**Northrop Grumman AS (Aeronautics Systems)** | 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- Reconfigured Mission Planning tools by updating VBA code and removing outdated data to optimize the UAV pilot experience, leading to a decrease in pilot error and an increase in UAV pilot satisfaction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

**VOID Tech** | Ann Arbor, MI                                                      September 2021 – Present
*Developer Lead | Full Stack Developer*
- Developing a mobile application with a team of 6 developers using PostgreSQL, the Sequelize API, Express, React Native, and Javascript/Typescript to serve as a platform for U of M students to sell items to each other
- Designing and implementing CRUD REST APIs that handle user authentication with password hashing, create and update user accounts in the relational database, and manage product listings in a user's feed
- Testing database designs by running a Docker Desktop container and simulating API calls with Postman
- Following high-fidelity Figma wireframes using Typescript, React Native, and CSS for frontend repository

**Active for Life with COPD Study** | Ann Arbor, MI                               September 2020 – May 2021
*Research Assistant*
- Generated a conclusion that suggested an increase in less-sedentary lifestyles among Chronic Obstructive Pulmonary Disease patients were correlated with a positive trend in overall patient well-being
- Presented at UM's annual Undergraduate Research Opportunity Program research symposium, contributing to research team's publication efforts with data on over 120 patients from the Michigan Medicine database

## EXTRACURRICULARS

**Girls in Electrical Engineering and Computer Science (GEECS)**              September 2021 – Present
*Internal Relations Committee Member*
- 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 complete the program: research.google/outreach/csrmp/recipients/
- Assisted applicants in refining and editing their personal statements, resulting in acceptance to the program

## ADDITIONAL INFORMATION
- Worked at my parents' small business, Haberman Fabrics, since before high school where I gained valuable skills in running a business such as customer service, effective communication, and selling products
- Interests: Cooking, Hot Yoga, Playing the Flute, U of M football, Reading, Traveling, Events in Pop Culture