Reyna Wood

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EDUCATION

University of Michigan, Ann Arbor *August 2020 - December 2023*
B.S.E. Computer Science, UX minor | GPA 3.7
Relevant coursework: *Data Structures and Algorithms, Linear Algebra, Computer Vision, Web Development, UI development, HCI, UX research and theory, Accessibility for Web Development*

EXPERIENCE

Technical

Intern | Ford Motor Company | *Summer 2022*
- *Developed a project along with preliminary coding to help employees who reskilled into software to get acclimated with the environment*
- *Documented large scale processes and created proof of concept code for a large project*
- *Worked with FEDA to help organize initiatives for employees and customers with disabilities*

Research Assistant | University of Michigan CLaSP Department | *September 2020 - March 2023*
- *Developed novel research in astrophysics, modeling the currently unknown mechanisms of the solar wind*
- *Utilized empirical modeling methods in Python using a variety of parameterization equations*

Research Assistant | University of Michigan Accessibility Lab | *May 2023 - Present*
- *Worked with a team of graduate students and Dr. Dhruv Jain to develop a live-captioning application of environmental (non-speech) sounds to aid deaf & hard of hearing individuals*
- *HCI work which tackled ideas of accessibility and centered around ideas of development with applied machine learning methods, including background research of how to implement these ideas concretely*
- *Full scale research project with end-user research, interviews, and eventual app development*
- *Co-author on [research paper](#) submitted to CHI 2024, presented at [UofM AI Symposium](#)*

Leadership

Teaching Assistant | Data Structures & Algorithms Course | *August 2021 - Present*
- *Facilitated learning for a class of over 1000 students by reinforcing core concepts of computer science*
- *Helped debug large scale coding projects*
- *Ran a lab section and office hours to help students understand course material*

SKILLS

Programming Languages | C++, Java, Python, JavaScript, C#, HTML/CSS
Tools | Git/GitHub, bash, makefiles, AWS
Paradigms | W3 accessibility guidelines, MVC architecture, Agile development, Vue, WCAG, applied machine learning