Nikitha Chittela

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EDUCATION

University of Michigan, College of Engineering Ann Arbor, MI   **May 2023**

Computer Science - Bachelor of Science in Engineering

- GPA: 3.73/4.0, University Honors - December 2020, Dean's List - December 2020
- Relevant Coursework: Data Structures, Engineering Communication and Technical Communication Skills, Discrete Mathematics
- Michigan Council of Women in Technology Scholarship Winner – 2019, 2020

Salem High School Canton, MI   **Sept. 2015 - May 2019**

Class of 2019

- GPA: 3.9/4.0
- Awards: President's Volunteer Service Award (2015 - 2017), National Advanced Placement (AP) Scholar
- Third Place in the MCWT Advanced Web Design Contest

WORK EXPERIENCE

Ford Motor Company Dearborn, MI   **June 2020 - August 2020**

Information Technology Intern

- Built production-deployed tools for assessing application health and monitoring live metrics for the Ford Diagnostic Service Platform (FDSP)
- Developed insights on application performance that were presented to executives
- Won Judge's Choice Award in IT Intern Innovation Challenge (an 8-day challenge using design thinking to develop solutions to business problems); presented the winning design to Ford executives
- Developed new skills in interacting with business users, user-centered design, agile development, and collaborating in a virtual environment

EXTRACURRICULAR ACTIVITIES

TedxUofM   **October 2019 - Present**

Design Team and Community Engagement Team

- Crafted branding for the annual 1300-attendee TEDxUofM Conference, which appeared in merchandise, presentation slides, and posters
- Planned community engagement events to expand the reach of TEDxUofM into the broader UofM community

Girls in Electrical Engineering and Computer Science (GEECS)   **Sept. 2019 - Present**

Outreach Committee

- Led engineering and computer science workshops for middle- and high school program participants with the aim of increasing their interest and knowledge in the engineering field; personal focus on teaching web development
- Engaged with the STEM community through professional, academic, and social events including coding tutorials, TED talks, with the intent of improving professional work skills

Girls Exploring Together - Information Technology (GET-IT)   **October 2018 - May 2019**

President

- Taught program participants programming skills and languages, including HTML, ROBOTC, and Python, enabling students to build their own websites, run autonomous robots, and work on app development
- As president, lead and facilitated mass meetings, organized competitions, and mentored program participants for preparation for state-wide competitions in robotics and web design

SKILLS

Proficient in, C++, HTML, and CSS; experienced in Java, MATLAB, skilled in Microsoft Excel, Word, and PowerPoint