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EDUCATION

Henry Ford Early College Dearborn, MI
Major: biochemistry, computer science, GPA: 4.0

Relevant Coursework

- Inorganic chemistry I/II
- Calculus I/II
- Psychology
- Honors Writing and Research
- Introduction to IT
- 2018-19 Henry Ford Health System rotations

Computer Skills

- JavaScript, Python, HTML, JSON,
- Scratch, Micro: bit

Extracurricular Education

- 2020-21 *Intro to Quantum Computing*
<https://www.qubitbyqubit.org/>
- 2021 *Cyber-Ai, STEM Impressionists Seminar*
<https://aspireit.aspirations.org/programs/events/28603/cyber-ai>
- 2020 *HacksIP, STEM Impressionists Seminar*
<https://aspireit.aspirations.org/programs/events/27283/hacksip>
- 2020 *Girls Who Code Summer Immersion Program* <https://girlswhocode.com>
- 2020 CSTA (*Computer Science Teachers Association*)
The Future of Computer Science Summit
<https://www.csteachers.org/page/csta-2021>
- 2020 Technica All women Hackathon (UMD)
<https://gotecnica.org/>

Volunteer Activities

- 2021 Part of international CS educator team
- 2020-21 Gleaners Food Bank
- 2020 LessonUp STEM tutor
- 2018 Kids Coalition Against Hunger
- 2018-20 Days for Girls
- NSPL (National Suicide Prevention Line)

STEM EXPERIENCE

Sept 2020 to Present • **Administrative Leader** • *Stem Impressionists*

Explain what your role is not the purpose of the organization. YOU are getting hired – not the company.

2021 • **Mentor** • *Starting from Scratch livestream*

Working in collaboration with the organization, CodeTigers, I developed and presented educational curriculum to teach Scratch, a programming language created by MIT, to young learners in India

<https://www.youtube.com/playlist?list=PLoJHYcMFUgmgESfusKm5oIQqP3WBpvMsZ>

2021 • **Judge** • *The Great Indian Coding Competition*

Judged Scratch programming projects for the 2021 Great Indian Coding Competition. <https://www.codetigers.com/the-great-indian-coding-competition>

2020-2021 • **Volunteer Leadership Team** • *HacksIP*

Initially a participant, was invited to become a member of SIP and a volunteer educator for underrepresented middle and high school girls with Micro:bit to learn computer science (CS) fundamentals with hands-on, project-based activities. <https://tinyurl.com/y28bozw9>

2020 • **Michigan Chapter Leader** • *WiTech*

Founded the Michigan Chapter and lead the executive WiTech committee for content building and event hosting. WiTech aims to educate, inspire, and empower youth to break gender barriers and use tech to make a difference in society. <https://wi-tech.org/>

2020-2021 • **Software Development** • *Biocurious*

Worked alongside scientists and students in the production of the MaskOMatic community research project. This project involved testing mask material effectiveness for particle sizes. I created a Python script to simulate temperature and humidity.

<https://biocurious.org/>

2020-2021 • **Michigan Affiliate Winner** • *NCWIT*

Participated in and received recognition for the NCWIT (*National Center for Women and Information Technology*) Aspirations in computing award.

<https://www.ncwit.org/>

2017-2020 • **Team member** • *First Robotics*

Worked collaboratively with the Henry Ford Robotics team to build and compete the annual robotics challenge.

<https://www.firstinspires.org/robotics/frc>

2019-2020 • **Ambassador** • *Henry Ford Early College Muslim Interscholastic Tournament(MIST)*

Organized the Henry Ford team giving Muslim students a chance to showcase their talents and creative abilities in various competitions.

<https://www.mistdetroit.com>