
Mohammad Jihad

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SKILLS

Software Skills

- Autodesk Inventor and Fusion 360
- Photoshop
- Sony Vegas
- Figma

Engineering

- Computer-Aided Design (CAD) & Computer-Aided Manufacturing (CAM)
- CNC Milling
- Technical Drawing
- 3D Printing

Programming Languages

- HTML, CSS, Python, Java

EXPERIENCE

City of Cambridge - *Member of Cambridge Youth Council (Nov 2022 - PRESENT)*

- The Cambridge Youth Council (CYC) is a branch of the Family Policy Council of the City of Cambridge. At CYC I work alongside the mayor and city councilors of Cambridge to enact policy change to address issues in my local community. As a member, I am expected to address the needs of young people in Cambridge and ensure that their voices and needs are being heard. One of the most impactful work that I've done there is having bills passed for accessible public transportation for all students in the Cambridge area.

Cambridge School Volunteers - *Intern (Jul 2021 - Aug 2021)*

- Organized paperwork, digitized documents, worked in excel.

Center for Astrophysics | Harvard & Smithsonian - *Intern (Sep 2021 - May 2022)*

- During my time working for the Harvard Smithsonian Center for Astrophysics through the Harvard SRMP program, I worked under Ph.D. researcher Ryan Cloutier. Our group conducted scientific research focusing on the detection of exoplanets smaller than Neptune and orbiting M dwarf stars. By using data from NASA TESS satellite and interpreting it in Python.

Each1Teach1 Tech - *Intern (July 2022 - Aug 2022)*

- Created a multitude of websites and made improvements to existing client sites

EDUCATION

Cambridge Rindge & Latin School (Sep 2020 - May 2024)

Enrolled in Engineering trade in addition to ordinary classes.