

Michael Crowley

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EDUCATION

Penn State University

Bachelor of Science in Computer Science (GPA 3.35/4)

Abington, PA

Aug. 2021 – May 2025

Templeton Academy

High School Diploma

Washington, D.C.

Aug. 2018 – May 2021

EXPERIENCE

Tech Assistant

Watkins Elementary School

Jan. 2019 – May 2019

Washington D.C.

- Troubleshooted issues with technology (personal computers, projectors, etc.).
- Assisted staff in areas of need such as event organization, item organization, and physical tasks.

Member and Event Planner

Penn State University Engineering Club

Feb. 2023 – Present

Abington, PA

- Worked with other members to plan the club's collaborations and events.
- Designed the track used for its RC car event.

Seasonal Volunteer

So Other's Might Eat

Sep. 2017 – May 2022

Washington D.C.

- Seasonal volunteer for 4 years and 9 months.
- Troubleshooted issues with tech and assisted members in setting up accounts.
- Assisted organization with fund raising to alleviate homelessness in Washington D.C.

RELATED COURSES

CMPSC 131 | *Python, Programming and Computation Fundamentals*

Fall 2021

CMPSC 132 | *Python, Programming and Computation Data Structures*

Spring 2022

CMPSC 221 | *Java, Object Oriented Programming with Web-Based Applications*

Summer 2022

MATH 220 | *Matrices*

Fall 2022

CMPSC 360 | *Discrete Mathematics for Computer Science*

Spring 2023

CMPSC 335 | *Fundamentals of Communication Networks*

Summer 2023

DART 203 | *3D Digital Art and Design Fundamentals*

Summer 2023

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Python, LaTeX

Developer Tools: Github, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Node.js

Libraries: React, NumPy

3D: Makerbot and Prusa Mini 3D printing, CNC routing and modelling with Fusion 360, Inkscape, and Mach3.

HONORS

Dean's List

Penn State University

Aug. 2021 - May 2025

Abington, PA

- In recognition of academic excellence, selected students are named to the Dean's List (policy G8) each semester.
- Requires a semester GPA of 3.50 or higher.
- Semesters: Fall 2021, Spring 2023.