

Ava Farkash
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Profile

I am a third year mechanical engineering student on the Design Build Fly Project Team. My time as technical director with Cog Dog Theater Troupe and as a mechanical sub-team member on DBF has helped me learn to work with a budget, delegate tasks, prototype, learn basic drafting and carpentry skills, and become an effective communicator and public speaker.

Education

Nichols High School (Buffalo, NY)

August 2019 - June 2023

Cornell University (Ithaca, NY)

August 2023 - Present

Work Experience

Spot Coffee

May 2023-August 2024

- Worked as a cashier and barista as a summer job
- Returned to work over winter break December 2023 - January 2024
- Learned to multitask in a high stress and fast paced environment

Arc Building Partners

Summer of 2025

- Interned in the Field Operations department under the vice president of Field Operations
- Visited various sites around Buffalo shadowing project engineers, the head safety officer, and project superintendents
- Designed and implemented a comprehensive hard drive system to archive all closeout documentation for the Albright Knox Gundlach Art Museum project; presented its structure and usage guidelines to the Director of Facilities, Planning, and Management

Leadership

- Assistant Technical Director- Cog Dog Theater Troupe
- Full Technical Director- Cog Dog Theater Troupe

August 2024-May 2025

August 2025-Present

Activities and Involvement

- Cog Dog Theater Troupe
 - Technical Director
- Cornell University Design Build Fly Project Team
 - Mechanical sub-team member
- Guiding Eyes For the Blind Club at Cornell
 - Dog Sitter

April 2024-Present

September 2024-Present

September 2024-Present

Technical Skills

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| • Basic Python & Matlab | • Red Apron Trained, Emerson |
| • Machine shop tools and hand power-tools | Manufacturing Lab |
| • CAD (Onshape, Solidworks 2025, Fusion 360) | • Vectorworks 2025 |
| • Microsoft Office Utilities | • Procore |
| | • Ansys 2025 |

