

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

<i>Nichols High School (Buffalo, NY)</i>	<i>August 2019 - June 2023</i>
<i>Cornell University (Ithaca, NY)</i>	<i>August 2023 - Present</i>

Work Experience

<i>Spot Coffee</i>	<i>May 2023-August 2024</i>
<ul style="list-style-type: none">Worked as a cashier and barista as a summer jobReturned to work over winter break December 2023 - January 2024Learned to multitask in a high stress and fast paced environment	

<i>Arc Building Partners</i>	<i>Summer of 2025</i>
<ul style="list-style-type: none">Interned in the Field Operations department under the vice president of Field OperationsVisited various sites around Buffalo shadowing project engineers, the head safety officer, and project superintendentsDesigned 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

<ul style="list-style-type: none">Assistant Technical Director- Cog Dog Theater TroupeFull Technical Director- Cog Dog Theater Troupe	<i>August 2024-May 2025</i>
	<i>August 2025-Present</i>

Activities and Involvement

<ul style="list-style-type: none">Cog Dog Theater Troupe<ul style="list-style-type: none">- Technical DirectorCornell University Design Build Fly Project Team<ul style="list-style-type: none">- Mechanical sub-team memberGuiding Eyes For the Blind Club at Cornell<ul style="list-style-type: none">- Dog Sitter	<i>April 2024-Present</i>
	<i>September 2024-Present</i>
	<i>September 2024-Present</i>

Technical Skills

<ul style="list-style-type: none">Basic Python & MatlabMachine shop tools and hand power-toolsCAD (Onshape, Solidworks 2025, Fusion 360)Microsoft Office Utilities	<ul style="list-style-type: none">Red Apron Trained, Emerson Manufacturing LabVectorworks 2025ProcoreAnsys 2025
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