

Ava Farkash  
Buffalo, NY; Ithaca, NY | [ajf245@cornell.edu](mailto:ajf245@cornell.edu) | (716) 770-5359

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

  

<i>Arc Building Partners</i>	<i>Summer of 2025</i>
<ul style="list-style-type: none"><li>Interned in the Field Operations department under the vice president of Field Operations</li><li>Visited various sites around Buffalo shadowing project engineers, the head safety officer, and project superintendents</li><li>Designed and implemented a comprehensive hard drive system to archive all closeout documentation for the AKG Art Museum project; presented its structure and usage guidelines to the Director of Facilities, Planning, and Management</li></ul>	

### Leadership

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

### Activities and Involvement

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

### Technical Skills

<ul style="list-style-type: none"><li>Basic Python</li><li>Machine shop tools and hand power-tools</li><li>CAD (Onshape, Solidworks 2024, Fusion 360)</li><li>Microsoft Office Utilities</li></ul>	<ul style="list-style-type: none"><li>Red Apron Trained, Emerson Manufacturing Lab</li><li>Vectorworks 2025</li><li>Procore</li></ul>
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