

Benjamin Antupit

benjamin@antupit.com • (650) 207-3694 • Currently in Winter Garden, FL (Open to Relocating)

Relevant Work Experience

- Show Control Design Intern**, Disney Live Entertainment, *Walt Disney World, FL* June 2025 - Present
- Opened parade, *Disney Starlight*: Designed and commissioned operator UI, electrical, and controls
 - Supported entertainment sustainment with network, electrical, and show control design & testing
 - Drafted, reviewed, and delivered production-ready electrical schematics with AutoCAD Electrical
- Scenic Control Systems Intern**, PRG Scenic Technologies, *New Windsor, NY* May 2024 - August 2024
- Commissioned new scenic automation systems for touring & NYC Broadway productions
 - Operated and provided field support for scenic automation and performer flying systems
 - Collaboratively designed and implemented control and safety systems using Rockwell PLCs
- Control Integration and Field Engineering Intern**, TAIT, *Lititz, PA* June 2023 - August 2023
- Completed commissioning for stage automation and show control systems used in international concert touring, theater, opera, theme parks, cruise ships, and unique entertainment applications
 - Implemented and/or tested 10+ projects in 10 weeks using Beckhoff/Siemens PLCs and QNX Linux
 - Trained to program automation show control systems with TAIT Navigator 102 certification

Education

Worcester Polytechnic Institute (WPI), Worcester, MA

Bachelor of Science in Robotics Engineering with a Minor in Theatre

May 2025

Master of Science in Robotics Engineering

May 2025

Skills

Live Entertainment Production Tools: TAIT Navigator, PRG Stage Command, Vectorworks, ETC EOS

Programming Languages: Python (specialized in ROS 1 & 2), MATLAB, TypeScript, Java, and C++

AV/Entertainment Networking: Dante Level 3 certified (2nd edition), EtherCAT, ArtNet/sACN/ETCNet

Design Applications: AutoCAD (Core & Electrical), PTC Creo, SolidWorks, Onshape, and Adobe Suite

Production Equipment: Chain hoist repair, stage lifts, revolves, moving lights, scissor/boom lifts

Additional Work Experience

- Robotics Engineering Intern**, Blackstone Valley Engineering, *Shrewsbury, MA* April 2024 - May 2024
- Researched, presented, and assisted in developing a microfluidics process with a SCARA robot
- Lighting Design Teaching Assistant**, WPI Theatre, *Worcester, MA* January 2023 - March 2023
- Collaborated with professor on course planning, lessons on design theory and training for ETC EOS

Selected Projects

- Robotic Recycling Manipulation and Sorting**, *WPI MERlab* ([Read more here](#)) October 2024 - Present
- Collaborated with interdisciplinary team to research grasp generation and waste classification
 - Developed control system, presented research, and worked with sub-teams on systems integration
- Disc Golf Inventory System**, *WPI + Maple Hill Disc Golf* ([Read more here](#)) August 2023 - May 2024
- Designed, developed, and integrated disc analysis machine with capacity for 300+ discs per hour
 - Handled many roles including system integration, client liaising, and project management
- Production Practicum in Lighting Design**, *WPI Theatre* ([Read more here](#)) January 2022 - April 2022
- Awarded university “Class of 1879 Prize” for Outstanding Project in the Humanities
 - Composed and programmed design ideas in collaboration with directors and co-lighting designer

Leadership and Activities

- Technical Director** (and other elected positions), *WPI Lens and Lights* February 2022 - February 2025
- Collaboratively planned and coordinated lighting, sound, video, rigging, rental equipment, and student crew for 200+ events per year serving the WPI campus and surrounding community
 - Maintained and coordinated repairs for over \$1.3M in lighting, audio, and rigging equipment
 - Trained and mentored 40+ crew members in event planning and technical execution
 - Previously served as President (2023-24) and Vice President (2022-23)

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Theatrical Production Credits at Worcester Polytechnic Institute (Worcester, MA)

Company	Production	Role	Supervisor	Date
VOX Musical Theatre	<i>Ride the Cyclone</i>	Draftsperson & Lighting Programmer	Parker Langa	January 2025
VOX Musical Theatre	<i>Be More Chill</i>	Technical Director	Jesse Drozd	October 2024
WPI Theatre Dept.	<i>Nothing is the End of the World...</i>	Projections Designer	Laura Eckelman	December 2023
VOX Musical Theatre	<i>Something Rotten</i>	Technical Director	Parker Langa	October 2023
VOX Musical Theatre	<i>Cabaret of Horrors</i>	Lighting Mentor	Chayanne Sandoval-Williams	April 2023
WPI Theatre Dept.	<i>New Voices 40</i>	Sound Designer	Laura Eckelman	April 2023
VOX Musical Theatre	<i>Bonnie & Clyde</i>	Projections Designer	Luke Foley	January 2023
VOX Musical Theatre	<i>Urinetown</i>	Lighting Crew	Mitch Jacobs	October 2022
WPI Theatre Dept.	<i>New Voices 39</i>	Lighting Designer	Laura Eckelman	April 2022
VOX Musical Theatre	<i>Once Upon a Mattress</i>	Master Electrician	Chayanne Sandoval-Williams	January 2022
WPI Theatre Dept.	<i>Silent Sky</i>	Head Electrician	Laura Eckelman	December 2021
Masque	<i>Macbeth</i>	Asst. Master Electrician	Julie Andrade	October 2021
VOX Musical Theatre	<i>Dogfight</i>	Asst. Master Electrician	Nicholas Moy	October 2021

* Productions and projects under confidentiality agreements are not listed.