

Zachary Bovard

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EDUCATION

Bachelor of Science, Chemical Engineer

University of Cincinnati, Cincinnati, OH

- GPA: 3.3

Graduation: May 2025

EXPERIENCE

Project Manager Co-op

Delta Faucet, Greensburg, IN

- Worked with contractors and maintenance to manage and finish a section of a large project
- Applied project management principles to coordinate priority tasks with each other
- Helped with EPA questionnaire regarding PFAS usage

05/24 – 08/24

PVD Color Engineer Co-op

Delta Faucet, Greensburg, IN

- Created a new faucet color in a PVD chamber Delta gave me to try and achieve on a faucet
- Presented new color to marketing team and didn't fit the current market trends
- Manipulated PVD recipes to create new colors to understand how color creation is approached

08/23 – 12/23

PVD Engineer Co-op

Delta Faucet, Greensburg, IN

- Performed maintenances on PVD chambers
- Created maintenance documents for better teaching on maintenances for future technicians
- Developed multiple prototype metal finishes for a PVD chamber to achieve different textures rather than the normal metallic look PVD chambers normally produce
- Helped develop Lumicoat process at Delta

01/23 – 05/23

Quality Engineer Co-op

Delta Faucet, Greensburg, IN

- Revised control plans for Delta Greensburg Plant
- Co-led a KATA, KATA is a continuous improvement program, leading to fixing a \$10,000/month problem
- Involved in an issue requiring me to identify certain spots on a part under a microscope and figure out where it came from

05/22 – 08/22

Plating Lab Co-op

Delta Faucet, Greensburg, IN

- Tested all chemical tanks weekly to maintain concentrations in the tank to make sure the tank was doing what it was supposed to do to the part, whether that be clean or plate
- Ran and monitored TOC levels in nickel plating baths, would need to treat the bath if too high

05/21- 12/21

Environmental Health & Safety Service Intern

Delta Faucet, Greensburg, IN

- Reviewed and updated Lock Out Tag-Out safety procedures for over 350 machines.
- Updated confined spaces at plant

06/20 – 08/20

SKILLS :

Microsoft Office Suite
Google Drive Suite
Basic Python skills
VaporTech PVD chambers