

SHINE AUNG

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18034

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☎ 4849570719

EDUCATION

Mechanical Engineering

The Pennsylvania State University

Expected: May 2027

Associate Degree in Engineering GPA 3.40

Northampton Community College | 3835 GREEN POND ROAD BETHLEHEM, PA 18020

Graduation Date: Jan 2024

- Math minor
- Physics minor

Bachelor of Science in Mechanical Engineering

Dawei Technological University | 5694+FCX, Yangon-Dawei Highway, near the village of Maung Mae Shaung, Dawei, Myanmar (Burma)

- Pursued a Bachelor's degree in Mechanical Engineering for three years but withdrew in 2021 in protest to the military coup in Myanmar.

EXPERIENCE

Mechanical Designer - Temp

Victaulic | 4901 Kesslersville Road Easton, PA 18040

Mar 2024 - Dec 2024

<https://www.victaulic.com/>

- Designed and optimized mechanical couplings using SolidWorks.
- Worked as one of the main designers for ongoing next generation Dynamic Movement Joint project.
- Drafted detailed technical drawings and specifications, ensuring compliance with industry standards.
- Implemented design changes that enhanced product durability.

3D Printing

3D Printing and Designing | Freelance

Jan 2022 - Jan 2024

- 3D designed and printed filters for fish tank, connectors, etc. Using AutoCAD and Cura.

VOLUNTEER EXPERIENCE

Chaperone/Team Leader

Fe Foundation

Jul 2023

- Chaperoned and supervised over twenty high school students during a week-long entrepreneurship summer camp
- Mentored and guided students in developing business ideas, conducting market research, and creating business plans during the entrepreneurship summer camp.
- Assisted students in designing and printing logos on shirts.

Mentor

NCC robotic summer camp

Jun 2023

- Mentored elementary school students in a robotic summer camp, guiding them through the process of building and programming robots.

Fountain Hill Elementary School Heritage Night

NCC

Feb 2023

- Showcased Myanmar's rich culture, traditions, and history to elementary students through traditional clothing, artifacts, and music.

SKILLS

SolidWorks(Professional), Autodesk AutoCAD, UltiMaker Cura, 3D Modeling, 3D Printing, Problem-Solving, Critical Thinking, Structural Analysis, Leadership Skills, Analytical Skills, Mathematical Skills, Communication Skills, Python Programming