



MOE YE HTET

ELECTRICAL ENGINEER

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www.moeyehet.com

A highly motivated Electrical Engineer with hands-on experience, teamwork and leadership skills, seeking a full-time position where a difference can be made towards groundbreaking engineering solutions.

EDUCATION

B.S. Electrical Engineering
Purdue University (Indiana, USA)
2015-2019

SKILLS

Administrative
Office Suite, G Suite, Slack

Programming
C, C++, Python, Javascript, Typescript

Engineering Tools
AutoCAD, EAGLE, LTSpice, MATLAB

Language
English (Business), Burmese (Native),
Japanese (JLPT N3)

LEADERSHIP

Chair of Multicultural Relations
ECE Student Society (Purdue University)
2017-2019

Co-founder and Vice President
Myanmar Students Association (Purdue)
2018-2019

HONORS

Myanmar President's Scholarship
2015-2019

Eli Shay Scholarship (Purdue ECE Department)
2016-2017

EXPERIENCE

Project Management Co-officer

Thate Pan Hub - Innovation Department, 2021-2022

- Developed and successfully implemented a project for teaching basic computer science to children in Hpa-an, Karen State.
- Conducted training of trainers (ToT) with Academic Department.
- Coordinated tasks and responsibilities of the trainers for arranging classes and giving lectures to children at various schools.

Undergraduate Teaching Assistant

Purdue University - Electronic Measurement Techniques Lab, 2018-2019

- Led the lab sessions and provided technical and theoretical assistance to students for an academic year.
- Performed lab equipment maintenance and kept inventory of lab materials.

Controls Engineer

EPICS Program - Purdue Orbital Team, 2017-2018

- Designed PID control system for DC worm gear motor and linear actuator.
- Designed the power supply circuit for the control system and designed the PCB.

Undergraduate Research Assistant

Vertically Integrated Projects - Signal Integrity Team, 2017

- Conducted research about electromagnetic compatibility regulations and suitable compliance testing techniques.
- Developed a radiative and conductive compliance test using the spectrum analyzer.

PROJECTS

Digital Wave Synthesizer

Senior Design Project, 2019

- Designed the charging circuit and DC-DC converters for the power supply subsystem.
- Designed the ADSR module and amplifier circuit for sound output subsystem.
- Designed the PCBs for power supply and sound output subsystems.

Face-tracking Assistive Phone Mount

Mircoprocessor Systems and Interfacing Final Project, 2018

- Performed system integration of LCD touchscreen controls and servo motors.
- Designed power supply circuit and PCB for the project.