

Aung Pyae (Earnest) Phyo

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EDUCATION

University of California, Berkeley

B.S Electrical Engineering and Computer Science

Berkeley, CA

08/2023 - 2025

Ohlone College

Engineering Transfer

GPA: 4.0

Fremont, CA

08/2020 - 05/2022

Relevant Coursework: *Calculus I & II & III, Linear Algebra, Differential Equations, Chemistry I, Physics Mechanics, Physics Electricity & Magnetism, Physics Optics, Heat, & Modern Physics, Electric Circuit Analysis, Object-Oriented Programming Using C++.*

PROFESSIONAL EXPERIENCE

Tesla

Equipment Maintenance Engineering Intern

Fremont, CA

06/2022 - 09/2022

- Established preventive maintenance procedures for manufacturing equipment.
- Sorted and documented parts of obsolete machine to be repurposed as spares for those in current use.
- Implemented a temperature monitoring system for power cabinets through which programmed alarms were incorporated and data for adequate cooling was yielded.

Ohlone College

Mathematics Tutor

Fremont, CA

06/2021 - 12/2021

- Developed students' understanding in high-level mathematics: consisting of Algebra, Trigonometry, Pre-Calculus, Calculus I & II & III, Linear Algebra, and Differential equations.
- Nurtured students in their journey towards becoming efficient and independent thinkers.

ACADEMIC PROJECTS

Community College Innovation Challenge

02/2022 - 06/2022

- Contrived a biodegradable packaging product that utilizes mushroom mycelium and hemp as its primary material.
- Constructed a device that gathers data on water quality across bodies of water through dissolved oxygen and nitrate detection.
- Assisted the finalist team propose that idea to Congressional stakeholders and STEM professionals.

ACTIVITIES & LEADERSHIP

Ohlone College

Secretary of Ohlone Engineering Society

Fremont, CA

08/2021 - 05/2022

- Provisional head of events and coordinator of time slots and deadlines.
- Provided and coordinated information on forthcoming events to the President and Vice President for inclusion in meeting notes, event deadlines or electronic distribution lists.
- Worked with the Treasury to fill out the necessary information for ICC documentation.

PROFESSIONAL SKILLSET

- **Technical Skills:** Fusion 360, C++, Python, Beckhoff/TwinCAT 3
- **Languages:** Fluent in English and Burmese