Kyaw Ha

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EDUCATION

Rutgers University   **New Brunswick, NJ**

Bachelor of Science, Computer Engineering   05/2027

Ohlone College   **Fremont, CA**

Associate of Science, Computer Engineering   05/2024

Technical Projects

- **Huffman Coding:** Developed an algorithm to compress and decompress text files efficiently. Designed user-friendly functionality for dynamic encoding/decoding.
- **Yearly Calendar Generator**: Created a Java-based calendar program that dynamically handles leap years and aligns day formats for a seamless user experience.
- **Traffic Signal State Machine**: Built a PCB-based traffic controller for high-traffic intersections using TTL logic and a custom clock signal.
- **Personal Portfolio** : Built a responsive personal portfolio website using HTML, CSS, and JavaScript with features like dark mode, scroll animations (AOS), and a Formspree-powered contact form.

Experience

R&B Auto Works   **Yangon,Myanmar**

Intern   01/2019 - 01/2020

- Assisted mechanics with diagnostics and basic repairs, gaining hands-on exposure to technical processes.
- Managed inventory systems, ensuring the availability of parts and tools.
- Developed troubleshooting skills applicable to both hardware and software contexts.

Happy Lemon   **Newark, CA**

Barista   01/2023 - 09/2023

- Trained new employees on operational and customer service tasks.
- Ensured workplace efficiency in high-volume periods, enhancing teamwork skills.

VOLUNTEER EXPERIENCE

Rutgers School of Engineering Open House   **New Brunswick, NJ**

Student Volunteer, Electrical & Computer Engineering   April 2025

- Guided newly admitted students and their families through the ECE department during the School of Engineering open house.
- Shared personal experiences, coursework, and campus life as an ECE major.
- Represented the department with professionalism and enthusiasm, promoting Rutgers Engineering's academic environment.

TECHNICAL SKILLS

- Programming Languages: C++, Python, Java, MATLAB, Verilog, HTML, CSS, JavaScript,Swift
- Tools & Software: Microsoft Excel, AutoCAD, PCB Design, Logic Simulators
- Technical Knowledge: Circuit Design, Embedded Systems, Data Structures, Digital Systems