Khunn Lulin (Raymond) Oo

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Education

University of Nottingham, BSc (Hons) in Computer Science and Artificial Intelligence *Sept 2025 – June 2029*
- GPA: -
- **Coursework:** Programming & Algorithms, Computer Architecture, Networks

International School Yangon, International Baccalaureate Diploma *Aug 2023 – June 2025*
- GPA: 6.09/7.00
- **Coursework (Higher Level):** Computer Science HL (7/7) – Data Structures & Algorithms, OOP, System Fundamentals, Networks, Computer Architecture | Mathematics Analysis & Approaches HL | Physics HL

Experience

Part-Time ML & Software Engineer, Examon.ai – Singapore, SG *Oct 2024 - Feb 2025*
- Developed a Python AI pipeline with OpenAI APIs to generate 80+ structured, high-quality study notes for a global academic curriculum using Retrieval-Augmented Generation and vector embeddings
- Reduced API calls by ~30% by designing a two-stage algorithm that used a lightweight model to classify and filter irrelevant textbook pages before note generation

Software Engineer Intern, ThitsaWorks – Singapore, SG *June 2024 - Aug 2024*
- Contributed to optimizing a high-risk feature of the Myanmar Credit Info Exchange, which processes data from 1.6M+ unique borrowers
- Helped improve borrower parsing speed from 10 minutes to ~3 minutes by removing overhead from algorithms
- Coded the logic behind the "Reciprocal Rule" feature to display only uploaded borrower data fields in institution reports for MCIX

Projects & Extracurricular

Remindly Revision (in progress) *revision.remindly.top/*
- Developed an AI-powered classification system in Python to automatically map IB past paper questions to the new syllabus structure, addressing curriculum updates that occur every few years
- Implemented a searchable and filterable database of IB (only Physics right now) questions, improving student access to targeted practice by topic, syllabus unit, and past paper details (year, timezone, level, etc.)
- Built a custom test generation feature allowing students to assemble personalized practice exams from past questions and export them as PDFs for offline use
- **Tools Used:** TypeScript, Supabase, Python

Student Training System *student-training-system-two.vercel.app/*
- Addressed a client's problem in tracking trained students in the campus makerspace by conducting stakeholder interviews and designing system flow diagrams
- Developed a full-stack web app for student registration, tool training tracking, and secure role-based admin access
- **Tools Used:** React, Node.js, Express, MongoDB, Vercel

Founder & Organizer — ISY's STEM Club & Yangon's First Inter-School Hackathon
- Founded and led the STEM Club, organizing Yangon's first inter-school hackathon with 50+ participants from 10+ international schools
- Developed SDG-aligned themes and problem statements, and oversaw a 16-hour event schedule logistics (across 2 days), coordinating project evaluations with industry judges

Technologies

Languages: Java, Python, JavaScript, TypeScript, SQL

Technologies & Frameworks: React.js, Next.js, Node.js, Express.js, MySQL, MongoDB, Springboot, REST API, Git