

Lam Eu Ler*

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*not the mathematician

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@lameuler  

Hi, I'm Eu Ler, a high school student with a passion for developing and designing stuff.



I have experience with full-stack web and app development, as well as AI, working with data, and more.

Education

NUS High School of Math and Science ²⁰¹⁹⁻²⁰²⁴ 4.9/5 GPA

Majors in Computer Science, Physics, Chemistry & Math with honours in Computer Science at NUS School of Computing where I've completed 2 undergraduate modules.

DSO Star Award ²⁰²³ Outstanding students taking undergraduate modules

Principal's List ²⁰²⁰ Top 5% of cohort **CCA Commendation Award** ²⁰²²⁻²⁰²³

Service Commendation Award ²⁰²¹⁻²⁰²³

NUS School of Computing ^{Non-graduating AY2023/2024}

CS2100 Computer Organisation **A+** CS2106 Introduction to Operating Systems **A+**

Projects

eu.ler.sg [eu.ler.sg ↗](https://eu.ler.sg)

My personal portfolio website to showcase my projects and skills. Designed in Sketch, built from scratch. Fully responsive with dynamic animations. Plus a link shortener at ler.sg.

Entangler ²⁰²⁴ [entang.ler.sg ↗](https://entang.ler.sg) lameuler/ entangler

Platform for making and managing service requisition and equipment loaning, and the deployment of equipment and manpower. Consists of a client-side web frontend using static hosting and API backend hosted on a Raspberry Pi.

PrisM ²⁰²³ [prism.ler.sg ↗](https://prism.ler.sg) lameuler/ prism-dashboard

Dashboard for monitoring the vitals signs (heart rate, respiratory rate, body temperature, falls) of inmates and security camera feeds in a prison. Originally hosted on Azure, now hosted as a static site. Created for the HacX! 2023 hackathon organised by HTX and Microsoft, where our team emerged as finalists.

TypeSpace ²⁰²²

Type-racer style android app to practice typing. Features replays, friend requests, LAN discovery and multiplayer, various keyboard layouts, and a blind keyboard (unlabelled keys). Created with custom android views for the text display and keyboard.

Science Mentorship Programme ²⁰²²

As part of MOE's Science Mentorship Programme, I completed a engineering research project at NTU SPMS. We explored the modification and programming of 3D printers with open-source hardware to understand the feasibility and possibilities of such applications.

Competitions

International Olympiad in Artificial Intelligence (IOAI) ²⁰²⁴

Part of Team Singapore 2 which was ranked 3rd and won Gold in the Scientific Round.

The Infosecurity Challenge (TISC) ²⁰²³

Out of 1080 participants, I was 1 of 58 to complete challenge 5 and did so in around 2 days.