

GREGORIUS JASON

Phone:
+62-811-9765-577

Email:
gregoriusj8@gmail.com

I am an undergraduate Computer Science student at the University of Edinburgh, Scotland, UK. I am innovative, disciplined, and analytical, aiming to become a Software Engineer to contribute to society through advancements in artificial intelligence, making tasks easier and more efficient.

EDUCATION

The University of Edinburgh — Edinburgh, Scotland, United Kingdom

BSc Artificial Intelligence and Computer Science (2024 – 2028)

INF1A Introduction to Computation (INFR08025) – Grade: A1 (99/100)
Functional programming in Haskell. Projects: Sudoku solver using DPLL algorithm, syllogism solver

Introduction to Linear Algebra (MATH08057) – Grade: A1 (93/100)

INF1B Object-Oriented Programming (INFR08029) – Grade A1 (93/100)
Java: Design and implementation of modular OOP systems. Emphasis on software engineering practices: version control, testing, and collaboration

Calculus and its Applications (MATH08058) – Grade A (79/100)

Cognitive Science (INFR08020) – Grade A (71/100)

A short guide linking brain-inspired computing, the fundamentals of neural networks, and a practical linguistic project on predicting verb conjugations using syllable patterns.

INTO Manchester

International Foundation in Maths and Computer Science (2023 – 2024)

- Subjects: Further Mathematics, Mathematics, Physics
- Achieved: A*A*B

Canisius College Senior High School

Natural Sciences and Mathematics Program (2020 – 2023)

- Graduated Magna Cum Laude – GPA: 92.25/100

WORK EXPERIENCE

Astra Credit Companies — Indonesia

(July 2024 - September 2024)

Information Technology Architect

Assisted in designing and implementing IT architecture solutions to support system operations

(June 2025 - August 2025)

AI Department

- Developed Raspberry Pi Computer Vision system with YOLOv8 for license plate detection and Restormer deblurring.
- Built Laravel backend and React web app for secure LLM interface.
- Implemented ML guardrails for hate speech filtering.
- Customized RAG pipeline (LangChain) for context-aware LLM.

CERTIFICATIONS

Harvard Online Courses

CS50x (2021)

Algorithms, data structures, and web programming. Languages include C, Python, and SQL plus HTML, CSS and JavaScript

KODING NEXT

Website Development: HTML, CSS, JavaScript, and PHP (2018)

Unity AR and VR Development (2019)

ACTIVITIES

CompSoc – University of Edinburgh

Member (2024 – Present)

- Participated in workshops on software engineering for Web Development in React
- Developed AI and machine learning projects using PyTorch, including building and training simple linear regression models and implementing Random Forest algorithms for real-world prediction tasks.
- Reinforcement learning for Flappy Bird game using Q-learning

Research Paper (2023)

Study on aluminum foil's impact as a reflector in enhancing solar panel efficiency

Computer Extracurricular in SMA Kanisius (2022)

St. Robert Southwell Award: Best Student Award

Tutor for Basic Programming in Python