Edmund Filbert Priyono

filbertt555@gmail.com | 61406739588

[LinkedIn](#) | [GitHub](#)

Melbourne, VIC

18 July 2025

Kai Loh
Team Leader
CSIRO
Clayton, VIC

Dear Mr. Loh,

I am writing to express my strong interest in the CSIRO Undergraduate Vacation Studentship (Reference: 100725), specifically within the Infrastructure Technologies Program. As a second-year Computer Science student at Monash University with a proven foundation in full-stack development and database systems, I am eager to contribute to CSIRO's mission while gaining hands-on experience in modernizing database-driven applications.

During my studies, I have built strong technical capabilities in programming (Python, Java, C++, SQL), and frameworks such as Angular and Django REST. My recent project, *Spamurai*, involved developing a web application that integrated Google APIs and utilized external services like OpenAI to process and manage email data. This required frontend/backend design, user interaction handling, and working with RESTful services—skills highly relevant to the reimplementation of MS Access client applications using modern tools.

My academic journey has been complemented by practical experience as a Peer Mentor, where I led technical workshops on MARIE Assembly and provided programming support in C++ and Python. These roles enhanced my communication skills and my ability to break down complex systems for diverse audiences. I have also completed coursework in databases, object-oriented programming, networking, and algorithms, and am currently maintaining a distinction-level academic record.

CSIRO's commitment to innovative science and its culture of impact-driven research is deeply inspiring to me. I am particularly excited by the chance to work alongside leading researchers and contribute to meaningful, real-world software systems. I am available for a full-time placement between November 2025 and February 2026, for a period of 8–12 weeks.

Thank you for considering my application. I would welcome the opportunity to bring my enthusiasm, technical abilities, and collaborative mindset to the CSIRO team this summer.

Sincerely,
Edmund Filbert Priyono

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EDUCATION

Monash College (Diploma) — Melbourne, VIC
Diploma of IT — *Graduated October 2024*

Monash University — Melbourne, VIC
Bachelor of Computer Science in Advanced Computer Science (2nd year) — *Estimated October 2026*

EXPERIENCE

Finance Admin — **November 2024 – January 2025**
PT Korenta Lestari — *Bekasi, West Java*
- Maintaining and monitoring the working hours of heavy equipment,
- Assist in client and sales interactions, and contract agreements,
- Registering and filing expenditure taxes,
- Documenting salary and meal allowances.

PROJECTS

Spamurai | *Angular JS, Django Python (REST Framework)* — March 2025
- Developed and collaborated on a web application using Angular and Django
- Implemented Google API to gain access and permissions to user emails
- Utilized OpenAI API to detect spam from certain keywords that flag as spam
- Created deletion and filter features to clean out unwanted emails

Leadership

Diploma of IT Peer Mentor | *MARIE, Python, C++, Maya, Adobe Substance Painter* — February – November 2024
- Lead and operated a workshop on MARIE Assembly Language with a team of peer mentors
- Assisted students with inquiries through weekly consultation sessions
- 30+ hours of class visits, assisting with tutorial sessions and consultations

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL
Frameworks: Angular, Django REST
Developer Tools: GitHub, VS Code, PyCharm, IntelliJ

Relevant Coursework

- Introduction to Programming
- Foundations of Algorithms and Data Structures
- Fundamentals of C++
- Introduction to Computer Systems, Networks and Security
- Databases
- Object Oriented Design and Implementation

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