CHRISTOPHER BERTRAND

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PROFILE

A motivated 3rd-year Software Engineering undergraduate with broad experience in web development (strongly focused on backend), AI, and game development. Currently deepening skills in web maintenance and performance optimization. Passionate about refining technical abilities and contributing to innovative, impactful projects in collaborative environments. Beyond academics, actively self-learning and experimenting with AI model pipelines using Qdrant (VectorDB), PostgreSQL, and Google Drive for data handling and testing as part of a future initiative with PPI Malaysia.

EDUCATION

Xiamen University Malaysia | Sepang, Malaysia   **September 2022 - Present**

Bachelor of Engineering in Software Engineering (Honours)
- Relevant Modules: Database, Software Quality Engineering, Software Project Management
- CGPA: 3.72

SKILLS

HARD SKILLS
- Web Development: .NET, Next.js, React, JSON
- Backend: SQL & NoSQL (MySQL, PostgreSQL, Firebase, Qdrant), Docker
- Programming: Python, C, C#, C++, JavaScript, R
- Version Control & Collaboration: Git, GitHub

SOFT SKILLS
- Effective Teamwork
- Competitive Spirit
- Adaptability & Quick Learning
- Time Management

LANGUAGE
- English (IELTS 8.0)
- Indonesian (Native)
- Javanese
- Chinese (Beginner)

EXTRACURRICULAR ACTIVITIES

PPI Malaysia   **March 2025 - Present**

Central Bureau of Data and Information — Head of Backend Development Nusadata
- Designing and maintaining RDBMS infrastructure related to Malaysian university student data (in progress).
- Exploring and prototyping Retrieval-Augmented Generation (RAG) AI systems for PPIM.

GADPA - PPI Xiamen University Malaysia   **November 2024 - Present**

Head of Secretary
- Managed official documentation, meeting minutes, and correspondence.
- Ensure effective timeliness of all individuals or departments within GADPA.
- Ensured smooth communication and organization both internally and externally.

GADPA - PPI Xiamen University Malaysia   **November 2023 - Nov 2024**

Head of Event Planner
- Coordinated logistics, budgeting, and team collaboration for successful event management.
- Engaged with stakeholders to enhance event participation and impact.

INTERESTS

- Competitive Programming (primarily in C++)
- Reading (Currently reading Hacking API)
- Philosophy
- Futsal

ACHIEVEMENTS

- 1st Place Code Craft Championship held by XMUM ICT Student Union (June 2023)