Ayako Kaneko

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Portfolio: ayakoneko.github.io/AyakoPortfolio/ | **GitHub**: github.com/ayakoneko

PROFESSIONAL STATEMENT

Aspiring software developer with experience building full-stack web applications and backend systems using **Python, PHP/Laravel, and Java**. Currently completing a **Master of Information Technology (GPA 6.50/7.00)** with strengths in algorithms, system design, and object-oriented programming. Proficient in clean coding, version control, and agile collaboration. Brings five years of financial services experience, offering transferable skills in **project delivery, stakeholder communication, and cross-functional teamwork**.

TECHNICAL SKILLS

- **Languages/Frameworks:** Python, PHP/Laravel, Java, JavaScript, React, HTML5, CSS3, SQL, MongoDB

EDUCATION

Griffith University　　　　Jul'24 - Jun'26 (Expected)　　**Gold Coast, QLD**
Master of Information Technology, Major in Software Development　　　*GPA: 6.50/7.00*
(Awarded the Student Academic Excellence Scholarship)

- **Full Stack Web Application:** Developed an event booking website for organizers and attendees using **PHP/Laravel** and **LiteSQL**. Implemented **Breeze Scaffold authentication**, database **migration with seeding**, and **CRUD operations**. Designed a responsive UI with **HTML, CSS, and JavaScript**; prepared feature testing for QA.
- **Object Oriented Programming:** Creating a **Tetris clone in Java** using encapsulation, inheritance, and polymorphism within **MVC architecture.** Enhanced gameplay with **AI play mode**, **two-player functionality**, **dynamic sizing**, **JSON-based scoring**, and **external server integration**, while collaborating via **Git-based version control**.
- **Python Development:** Built **backend tools** utilizing **data structures, control flow, and file operations**, with a strong focus on **systematic debugging** and **code reliability**.
- **Data Structure and Algorithm:** Benchmarked sorting algorithms (merge, heap, selection) across varied datasets; developed an optimal route calculator using **Dijkstra's algorithm** considering toll and distance factors.
- **Mongo DB project:** Designed **document-oriented schemas** and implemented **multi-stage aggregation pipelines** to filter and rank top-rated movies, optimising performance with indexing and advanced query operators.
- **Application System Design:** Designed a modular Smart Home Automation System using **UML** and **use case analysis**; defined functional and non-functional specifications for a scalable, secure architecture.

State University of New York at Geneseo　　　Aug'15 - Dec'18　　**New York USA**
Bachelor of Science in Accounting, School of Business AACSB Accredited　　　*GPA: 3.63/4.00*
(Awarded the Student Academic Excellence Scholarship)

- Earned membership in national honour societies: **Beta Gamma Sigma, Golden Key, Phi Eta Sigma**.

PROFESSIONAL WORK EXPERIENCE

Enbridge Pty Ltd
IT Deployment Technician (Casual)　　　Oct'25 – Current　　**Gold Coast, QLD**

- Assisted in the setup and integration of **IT workstation systems** for a corporate client.
- Conducted **hardware installation**, cable management, and **system configuration** in alignment with client-provided setup instructions.

Insight Business Analytics

IT Business Analyst Intern   Nov'24 – Feb'25   **Gold Coast, QLD**
- Analysed requirements to design a **scalable data system** tailored for healthcare and research environments.
- Collaborated with cross-functional teams to ensure **data integrity**, system **usability**, and **alignment** with client objectives, reinforcing understanding of **SDLC** and **technical documentation** practices.

Citibank, N.A., Tokyo Branch

Associate Product Manager / Solution Sales Assistant   Jun'18 – Jun'24   **Tokyo, Japan**
- **Led a payment system upgrade** that enhanced **transaction speed and reliability**, coordinating with **global teams** and **technical vendors** in an **Agile environment** to deliver upgrades on schedule.
- Ensured compliance with **Japanese financial regulations** by evaluating sanction handling procedures and communicating critical operational updates to **2,500+ clients.** Strengthened stakeholder communication, risk analysis, and data integrity awareness.
- Conducted **data analysis** to forecast pricing models and developed a **product roadmap**. Achieved a **10% revenue increase** while optimising operations through structured planning and data-driven decision-making.

Deloitte Tax LLP

Corporate Tax Intern   Jun'17 – Aug'17   **New York, USA**
- Processed and analysed multi-state tax data using **Excel** and **Corptax**, applying logic and pattern recognition to ensure data accuracy.
- Performed **quality assurance checks** and collaborated with clients to clarify complex regulatory requirements.

RELEVANT PROJECTS

QUT Code Network   Jul'25 – Current   **Brisbane, QLD**
- Collaborating on a **Todoist Clone** using **Golang** and **PostgreSQL**, focusing to **API development** and **database schema design**.

QUT Hackathon – "Best First Year" Award   Aug'25   **Brisbane, QLD**
- Built a **time-capsule memory system in React**, encrypted to unlock on countdown completion.
- Designed a **custom SVG typewriter keyboard**, blending **nostalgia with modern UX**.

Griffith Coding Club   Jul'24 – Current   **Gold Coast, QLD**
- Learning **Kotlin fundamentals** and practising **competitive programming techniques** such as **two-pointer** and **sliding window algorithms, hashing, Graph** to improve problem-solving efficiency.
- Participated in **ICPC** competitions and managed to solve 6 questions.

Full Stack Web Development (Udemy Course)   Oct'24 – Current   **Online**
- Built a **responsive multi-page portfolio website** using **HTML5, CSS3, Flexbox, CSS Grid, and Bootstrap**, optimised for mobile and desktop deployment.

VOLUNTEER EXPERIENCE

Griffith University GC Society for Technologies and Statistics (GUSTS)

Treasury, Founding Member   Oct'24 – Jul'25   **Gold Coast, QLD**
- Co-founded a student tech society focused on **industry networking with professionals in software development and data science**; led outreach initiatives, coordinated administration, and helped define the club's mission.

REFEREES

Dr Mark Griffin – Founding CEO, Insight Research Services Associated | 0448 176 926 | m.griffin@insightrsa.com
Suzuko Honda – Payment & Receivable Team, Citibank Tokyo Branch | +81 3 6776 5015 | suzuko.honda@citi.com