

# Ayako Kaneko

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Portfolio: [ayakoneko.github.io/AyakoPortfolio/](https://ayakoneko.github.io/AyakoPortfolio/) | GitHub: [github.com/ayakoneko](https://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, Golang
- **Tools/Practices:** Git/GitHub, Agile/Scrum, MVC Architecture, UML, Unit & Feature Testing
- **Core Competencies:** Algorithm Design, Data Structures, Full-Stack Development, System Design

## EDUCATION

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

- **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.

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

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

## PROFESSIONAL WORK EXPERIENCE

<b>Insight Business Analytics</b>	Nov'24 – Feb'25	<b>Gold Coast, QLD</b>
<i>IT Business Analyst Intern</i>		
• Analysed requirements to design a <b>scalable data system</b> 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, strengthening data validation and professional communication skills.

## RELEVANT PROJECTS

### QUT Code Network

Jul'25 – Current

Brisbane, QLD

- Collaborating on a **Todoist Clone** using **Golang** and **PostgreSQL**, focusing on **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 and structure.

## REFEREES

**Dr Mark Griffin** – Founding CEO, Insight Research Services Associated | 0448 176 926 | [m.griffin@insightrsa.com](mailto:m.griffin@insightrsa.com)

**Suzuko Honda** – Payment & Receivable Team, Citibank Tokyo Branch | +81 3 6776 5015 | [suzuko.honda@citi.com](mailto:suzuko.honda@citi.com)