Abigail Mah

Final Semester Computer Science Student

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in Abigail Mah   ⧉ abigailmah21   🔗 My Portfolio Website

Profile

I am Abigail Mah, a final semester Computer Science student passionate about building user-centric software products. As a self-motivated individual with a strong commitment to continuous learning, I am eager to contribute a diverse set of technical skills and creative problem-solving abilities to your dynamic team.

Education

SUNWAY UNIVERSITY   August 2022 – August 2025
Bachelor of Science (Honours) in Computer Science   Subang Jaya, Malaysia
  Current CGPA: 3.6 (First-Class Honours)

SUNWAY COLLEGE   July 2021 – April 2022 | Subang Jaya, Malaysia
Australian Matriculation (AUSMAT)
  Completed the Western Australia Certificate of Education (WACE) with ATAR 83.45.

Projects

ClubHub: Campus Club Management and Engagement Platform 🔗   April 2025 – Present
- Designed & developed a full-stack web application using PHP, MySQL, HTML/CSS, JavaScript, jQuery, Bootstrap, Ajax and Apache with DeepSeek LLM integrated for AI chatbot support as part of my Final Year Project.
- Designed UI prototypes in Figma, incorporating user feedback to refine features and improve usability.

Smart Home Energy Management System (SHEMS) 🔗   April 2024 – August 2024
Final Project - SEG2202 Software Engineering
- Designed an interactive prototype in Figma to visualize and test system functionality for enhanced UX.
- Developed UML diagrams (use case, class, sequence, and activity) applying OOP concepts as part of the SDLC process.

Work Experience

Allianz Life Insurance Malaysia Berhad   January 2025 – April 2025
Intern, Agency Transformation Office (Agency Digitalization)   Kuala Lumpur, Malaysia
- Performed requirements gathering, supported user training sessions and collected feedback from stakeholders and end users for product improvements.
- Prepared test cases, conducted UAT, and collaborated with developers to resolve issues within project timelines.
- Tracked development tasks and tickets using Jira dashboard for efficient project management.
- Created clear user guides and engaging materials to drive adoption of digital applications.

Extracurricular Experience

SUNWAY UNIVERSITY ENSEMBLE   October 2023 – present
Core Committee - Design   Subang Jaya, Malaysia
- Coordinated large-scale event planning and collaborated with cross-functional teams to manage event timelines, resource allocation, and audience outreach strategies.
- Designed visually compelling posters and marketing materials using Adobe Illustrator which boosted ticket sales and social media engagement.

Awards & Scholarships

Dean's List Award, Faculty of Engineering and Technology   September 2024
  Outstanding academic performance for September 2024 semester

Jeffrey Cheah Ace Scholarship, Sunway University   August 2022

AUSMAT High Achievers' Awards Recipient 2022, Sunway College   May 2022

Skills

Programming: Python (NumPy, Pandas), Java, Scala, PHP, JavaScript, SQL

Web Development: HTML, CSS, JavaScript, jQuery, Bootstrap, Ajax, Apache, React, Typescript, Node.js, MySQL, RESTful APIs

Tools: Figma, Git, Adobe Illustrator, Wix, Canva, Microsoft 365, VS Code, IntelliJ, Cisco Packet Tracer, Wireshark, Jira, AWS

Methodologies/ Concepts: Agile/Scrum, SDLC, CI/CD pipeline, DevOps, Object-Oriented Programming (OOP), Prompt Engineering, NLP, Familiarity with LLM APIs, Knowledge of RAG, Unit Testing

Languages: English *(Proficient),* Malay *(Conversational),* Chinese (Mandarin) *(Fluent-Spoken & Written)*