LAW MING QI

Passionate Software Developer

SKILLS

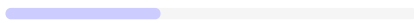**Python**

Javascript

C#

Java

Databases & SQL
Firebase, MSSQL

Back-end Development
JavaScript, Node.js, Express.js

Front-end Development
HTML, CSS, JavaScript, Bootstrap

User Experience Design
Figma, Adobe

GIT

CONTACT

30 Woodlands Dr 16, Forestville 11#22
Singapore 737769

+65 98881351

lawmingqi1818@gmail.com
School: S10257808@connect.np.edu.sg

PROFILE

Proactive and goal-oriented IT student promoting well-developed skills in backend and frontend development and database management. Engaging demeanor known for working well in deadline-driven environments.

Driven by a passion for emerging technologies like quantum computing and DevOps, eager to explore these fields while strengthening core technical skills. Committed to continuous learning and growth in IT, with a focus on building scalable and maintainable solutions.

Adaptable and dedicated, with experience contributing effectively to diverse IT projects. Strong collaborator, ready to apply academic and industry knowledge to real-world challenges and looking to leverage acquired skills in a business setting.

WORK EXPERIENCE

Retail Assistant   *Dec 2022 - Jan 2023*
NTUC - Singapore

- Actively engaged with customers, providing general assistance and information on store merchandise to enhance the shopping experience.
- Replenished stock on the sales floor and maintained organized shelves, racks to ensure an attractive and easy-to-navigate store layout.
- Greeted customers, helped locate merchandise, and suggested suitable options.

Retail and E-commerce Associate   *Aug 2023 - Oct 2023*
Cold Storage - Singapore

- Managed Online Orders: Processed and fulfilled online orders via Food Panda, ensuring timely and accurate delivery of grocery items.
- Grocery Selection and Replenishment: Picked and packed groceries efficiently, replenished stock, and ensured shelves were well-stocked to meet customer demand.
- Customer Assistance: Assisted customers in finding products, providing exceptional service, and addressing inquiries promptly to enhance the shopping experience.

EDUCATION

2019 - 2022

GCE 'O'Level Certificate
Orchid Park Secondary School

Achieved **6 distinctions** in
E Maths, A Maths, Chinese,
Science (Bio/Chem),
Principles of Accounts,
Humanities (Social Studies/ History)

L1R4: 11
L1R5: 13

Apr 2023 - Present

Diploma in Information Technology
Ngee Ann Polytechnic

AWARDS

2019

Edusave Scholarship Award from Ministry of Education (MOE)

2022

Edusave Scholarship Award from MOE
Edusave Award for Achievement, Good Leadership and Service
Edusave Character Award

CO-CURRICULAR ACTIVITIES (CCA)

Orchid Park Secondary School   *2019 - 2022*
Wushu

- **Captain**, Wushu School Team (2021 - 2022) – Led team training and provided coaching support.

- Participated in the **National School Games (NSG)** in 2021 and 2022.

- Achieved **Top 10** in the 2022 NSG for 1st International Nandao Female category.

Ngee Ann Polytechnic   *2023 - Present*
Wushu

- **Vice-Captain**, Wushu School Team (2023 - 2024)
  – Organize training sessions and led team for competition and performance preparations.

- Responsible for choreographing routines for **group events**.

- **2nd Place**, NTU Invitational Wushu Championship 2023.

- **1st Prize**, Youth Category Female, 1st International Nandao.

- **1st Prize**, Open Category Group Event Non-weapon.

- **Performances**: 2024 Duanwu Delight (Chinese Culture Performance), Ngee Ann KongSi Cheque Presentation Ceremony 2024.

Special Interest Group

- **Overflow:**
  Participated in a 3-day Data Structures and Algorithms Bootcamp, focused on problem-solving using Python.

- **ICT Society:**
  Assisted in the 2024 Graduation Ceremony for School of ICT to ensure smooth execution of the event.

ACADEMIC PROJECTS / COMPETITION PROJECTS

Competition: National AI Student Challenge 2024

CERTIFICATIONS

PSM 1 - Professional Scrum Master 1

Certificate issued by Scrum.org to prove abilities in the fundamental level of Scrum mastery, including concepts of applying Scrum

Google Project Management

- Project Execution: Running the Project
- Foundations of Project Management
- Project Planning: Putting It All Together
- Agile Project Management
- Project Initiation: Starting a Successful Project

Intense course designed to equip learners with in-demand project management skills.

Online Tutorials

I believe in continuously expanding my knowledge beyond the classroom by exploring topics through online resources. I regularly take tutorials on platforms like LinkedIn and YouTube to reinforce what I've learned in class and to dive deeper into concepts.

Track 2 Amazon Web Services (AWS)   *Feb 2024 - March 2024*

Technologies used:

- Amazon SageMaker
- AWS Cloud Services
- Large language model (LLM) - LLaMA-2-7B-Chat

Skills learned:

LLM Fine-Tuning: Experimented with and adjusted various hyperparameters such as epochs, learning rate, and batch size to optimize the performance of the model for specific tasks.

AWS SageMaker: Gained hands-on experience with AWS SageMaker Jumpstart for managing end-to-end machine learning workflows, including model training and deployment.

Data Preparation and Augmentation: Learned to prepare custom datasets to enhance model performance.

Module: Back-end Development

Develop a community engagement website   *May 2024 - July 2024*

Technologies used:

- Front-end: HTML, CSS, Javascript, Bootstrap
- Database: Firebase, MSSQL
- Back-end: Node.js, Express.js
- Tools: Firebase Cloud Storage, RESTful APIs, CRUD operations

Skills learned: Middleware implementation, Graceful error handling, Firebase integration, User authentication (JWT), Responsive web design, CRUD operations, Real-time updates, RESTful API design

Project highlights:

- Developed a **community club website** for users to **register**, **log in**, **update profile**, **book facilities**, **register for events**, and **provide feedback**, enhancing engagement and accessibility for club members.
- Designed a **responsive**, **user-friendly front-end** that ensures seamless access across devices.
- Integrated **Firebase** for **profile picture management**. Uploaded images are stored as files in **Firebase Storage**, with each image accessible via a unique **URL**.
- Implemented **authentication and authorization** using JWT and data protection measures through a hashing function, **bcrypt**.
- Managed backend data with **MSSQL**, handling **event registration**, **user profiles**, and **real-time announcements**.
- Developed **staff functionalities** with a dedicated **login system**, enabling staff to **manage** and **update website features**. Non-staff users have no access to these rights.

Module: Software Project Management

SCRUM Framework to develop a game *May 2024 - July 2024*

Technologies used:

- Front-end: HTML, CSS, Javascript
- Database: Firebase

Skills learned:

Agile Methodology: Applied the Scrum framework to iteratively develop and refine the game website by organizing tasks into sprints.

Task Management: Leveraged JIRA to track tasks, manage sprints, and visualize project progress.

Product Backlog Management: Gained experience in reviewing and prioritizing the product backlog, ensuring tasks were well-ordered.

Feature Development: Defined and prioritized backlog items, including game features, UI/UX enhancements, and bug fixes, to ensure smooth progress throughout development.

Importance of Feedback: Emphasized continuous feedback during sprints to identify improvements early, ensuring alignment with project goals.

Ambiguity Clarification: Worked closely with team members and product owner (lecturers in this case) to clarify any ambiguity in user stories or requirements, promoting clear communication and shared understanding.

ACTIVITIES

International Experience

Overseas Immersion Programme to Shenzhen, China *March 2024*

Program Overview: Participated in a 2 weeks long immersion program in Shenzhen, China, focusing on both industrial and cultural visits

Key Activities:

- **Industry Visits:** Engaged with leading tech companies and startups in Shenzhen such as Tencent and Minieye Technology, gaining insights into cutting-edge technologies and industry trends.

- **Cultural Exchange:** Immersed in Chinese culture like Wushu and Calligraphy and interacted with the professionals and students there, developing cross-cultural communication skills.

- **Cultural Visits:** Explored historic sites like Gankeng Hakka Town, enriching my understanding of traditional architecture and local customs while deepening my connection to Shenzhen's cultural heritage.

Skills Gained:

- **Global Perspective:** Enhanced understanding of international IT trends and global market dynamics and competitions.

- **Technical Knowledge:** Gained exposure to technologies in China to power a range of applications from intelligent assistants to immersive gaming experiences.

- **Cultural Competence:** Improved ability to work in diverse cultural settings and communicate across cultures.