

Sujin Pongchababnapa

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Education

UNIVERSITY OF BATH

- Master of Science in Computer Science SEPTEMBER 2025 (Expected)
Relevant Coursework: Principle of Programming, Software Engineering, Databases, Artificial Intelligence (Reinforcement Learning), Functional Programming, Mobile and Pervasive System, Entrepreneurship

UNIVERSITY OF BATH

- Bachelor of Science in Health and Exercise Science JUNE 2021 - JUNE 2024
(2:1) Equivalent to GPA: 3.5/4.0

Relevant Experience

UNIVERSITY OF BATH- AI RESEARCH ASSISTANT

APRIL 2025 – AUGUST 2025

- Conducted a research study within the field of **Artificial Intelligence** on Reinforcement Learning (Proximal Policy Optimization) applied to Thai agriculture, aiming to minimize water usage and maximize crop yield

THAIBEV- BUSINESS ANALYST

JUNE 2024 – JULY 2024

- Collaborated remotely on a strategic business project focused on beverage market analysis and brand innovation.
- Conducted research on consumer trends, sustainability practices, and regional market dynamics to inform product development strategy.

UNIVERSITY OF BATH - RESEARCH ASSISTANT

SEPTEMBER 2023 – APRIL 2024

- Conducted a biomechanics research study on the use of novel markerless motion capture to detect knee loading differences caused by foot orthotics.
- Utilized advanced systems including Qualisys, MATLAB, and QTM within the Applied Biomechanics Suite.

RENAISSANCE BANGKOK RATCHAPRASONG – DATA ANALYST

JUNE 2023 – JULY 2023

- Analysed market trends and designed monthly promotions
- Built SQL databases to track customer behaviour for marketing decisions

Pavilion Samui Villa & Resort – IT ASSISTANT

JUNE 2022 – SEPTEMBER 2022

- Resolved technical issues on the resort website and front office software

Awards & Achievements

ScuderiaEstates - A startup project using AI and machine learning to predict UK housing and land prices; successfully raised seed funding

Software Engineering - Developed an educational game in Unity to teach IGCSE History and make learning more engaging. Familiar with the Agile Process methodology (Scrum meeting, Daily Stand-up Meetings).

SKILLS

LANGUAGES: FLUENT – ENGLISH, THAI AND INTERMEDIATE – MANDARIN (HSK 4)

SOFTWARE: PYTHON, SQL, MICROSOFT EXCEL, SPSS (STATISTICAL PACKAGES FOR THE SOCIAL SCIENCE), LATEX, POWERPOINT, HASKELL