Wun-Kwint Wong (Ricky)

Software engineer with a medical degree

Canberra ACT | Full working rights in Australia | Available immediately for full-time work
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Trained in medicine in Yangon, Myanmar, then worked as a software engineer at MiTAC in Taipei, building monitoring dashboards in Java, JavaScript and React. Now finishing a Master of Computing (Artificial Intelligence) at the Australian National University. Looking for graduate roles in software, data or AI, including health technology.

EDUCATION

Master of Computing (Artificial Intelligence)
Australian National University | Jul 2024 - Nov 2026 | Degree conferral Dec 2026

Bachelor of Science in Computer Science
University of the People | Jan 2022 - Jan 2024 | GPA 3.93

Bachelor of Medicine, Bachelor of Surgery (MBBS)
University of Medicine (1), Yangon | Dec 2014 - Mar 2023 | Grade A

TECHNICAL SKILLS

Data and AI: Python (pandas, NumPy, scikit-learn, Plotly Dash), SQL (MySQL, MariaDB, SQL Server), ETL, R (ggplot2), machine learning.

Software: Java (Spring Boot, MyBatis, JavaFX), JavaScript (React, Vue, Node.js, Express, AngularJS), Django, HTML, CSS, Android, Firebase, Git, Linux, JUnit and CI builds.

Tools and cloud: Microsoft 365 and Excel; Power BI and Microsoft 365 Copilot (coursework); AWS (course project); Azure (fundamentals).

Languages: English, Burmese, Mandarin and Japanese.

RELEVANT EXPERIENCE

Software Engineer | MiTAC, Taipei, Taiwan | Mar - Nov 2023

Java Spring Boot, MyBatis, JavaScript, AngularJS, MariaDB, SQL Server, React, Node.js

- Developed real-time weaving and dyeing dashboards for a textile manufacturer, refreshing every 3 seconds.
- Modified another client's machine-monitoring and data-entry pages, used by factory staff, engineers and clients.
- Cut about 12,000 lines of repeated AngularJS code, so adding a new machine no longer needed a new page.
- Worked on a bridge-health system that scores bridges from seismic sensor data, building its monitoring dashboard in React and Node.js: charts, a health gauge and login pages.

PROJECTS

National Credential Sharing System | ANU COMP6442 group assignment

Built the Firebase sign-in, database, login code and MVVM view models in Java for a five-person team's Android app that verifies driver licences across state borders. Tested them with JUnit and Espresso.

Copenhagen Roll & Write | ANU COMP6710 group assignment

Wrote the game logic for a playable computer version of a dice and tile-placement board game in Java and JavaFX, checking each move against the rulebook, with JUnit tests for legal moves and scoring.

SpaceX Falcon 9 First-Stage Landing Prediction | IBM Data Science capstone | wunkwintwong.com/spacex

Predicted whether a SpaceX rocket's reusable first stage would land, since reuse largely explains SpaceX's lower prices. Four scikit-learn models each got 15 of 18 test launches right (12 for guessing that every stage lands), too few to tell them apart.

Cyclistic Bike-Share Analysis | Google Data Analytics capstone | wunkwintwong.com/cyclistic

Course scenario: turning a Chicago bike-share's single-ride and day-pass riders into yearly members. A year of real trips, analysed in R, showed they take longer rides than members (median 16 minutes against 9) and ride more at weekends. Recommended a weekend pass and more bikes on their top routes.

IdentiTea | TibaMe AI course capstone

A working prototype that recognises customers by face and recommends drinks, made for a real bubble-tea shop; designed and built its MySQL database on AWS in a seven-person team.

ACHIEVEMENTS

- Recipient, Talo Computational Biology Talent Accelerator Grant, John Curtin School of Medical Research, ANU, 2025.
- Runner-up among 31 teams, InnovationACT 2026, CBR Innovation Network.
- Top 5 among 40+ teams, ANU Entrepreneurship Club 24-hour hackathon on AI for healthcare, 2024.
- Second place among 100 groups for a presentation and report in Professional Practice: Responsible Innovation and Leadership, 2024.

ADDITIONAL EXPERIENCE

Sales Associate | ECCO, Canberra | Jun 2025 - present

- Fit and serve customers in store, and sell care kits and accessories that suit what they buy.
- Handle complaints, returns and order problems, run point of sale and cash reconciliation, keep stock records accurate, and meet sales targets while studying full time.

Retail, hospitality and events | Taiwan, 2021 - 2022; Canberra, Sep 2024 - Jul 2025

- High-volume customer service, point of sale and cash handling, stock and replenishment, and event operations across weekdays, weekends and public holidays, for several employers.

CERTIFICATIONS AND COURSES

Data and AI courses: IBM Data Science (2023); IBM Data Analyst (2022); Machine Learning Specialization (DeepLearning.AI, 2022); Google Data Analytics (2022).

IT and security: CompTIA Security+ (2025, valid to Dec 2028); CompTIA Network+ (2025, valid to Dec 2028); ISC2 Certified in Cybersecurity (2025, valid to Sep 2028); CompTIA A+ (2024, valid to Dec 2027).

Microsoft: Azure Data Fundamentals (DP-900, 2023); Azure AI Fundamentals (AI-900, 2023); Security, Compliance and Identity Fundamentals (SC-900, 2023); Azure Fundamentals (AZ-900, 2022).

VOLUNTEERING

Public Outreach Officer, ANU Myanmar Student Association, 2024-2025. Designed a flyer and donor-gratitude certificate for Myanmar earthquake relief (Apr 2025) and represented the Association at the IMMERSIA Cultural Festival, ANU (Sep 2024).

Other volunteering: Set4ANU Mentor Program (2025); National Multicultural Festival general volunteer (2025); ANU Postgraduate Representative (2025); Red Cross Shop retail assistant (2024); The Food Co-op Shop and Cafe coordinator (2024); ANU Kitchen Garden (2024).