Yiming Peng (Evan)

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Professional Summary

UNSW Master of IT graduate with C#/.NET internship experience. Built TAUT Commerce's React storefront and order APIs, with experience in PostgreSQL data modelling and database integration testing.

Featured Project

TAUT Commerce | Full-Stack Developer **Sep 2026 – Present**

C#, ASP.NET Core, EF Core, PostgreSQL, React, TypeScript

- Built a React and TypeScript storefront for our press-on nail startup, with product browsing, variant selection, a persistent cart and guest order submission.
- Built ASP.NET Core APIs with server-side pricing and stock checks before creating pending orders.
- Designed PostgreSQL order snapshots to preserve purchase-time product names, SKUs and unit prices when the catalogue changes.
- Built a Stripe Checkout session endpoint in test mode, linking sessions to orders and expiring sessions if database persistence fails.

Technical Skills

Languages C#, TypeScript, SQL, Python
Web and Data ASP.NET Core, REST APIs, EF Core, PostgreSQL, Flask, React, Vite
Testing and Tools xUnit, Testcontainers, integration testing, Git

Professional Experience

Software & AI Developer Intern | DistinctionCoding Pty Ltd **Jul 2026 – Oct 2026**

Professional Year placement | Next Generation Education Platform (NGEP) | Sydney, NSW

- Designed EF Core models and PostgreSQL migrations for families, students and assessment records.
- Implemented assessment autosave and submission persistence in C#, using database transactions and idempotency keys to prevent duplicate writes on retries.
- Added database integration tests covering schema migrations and assessment persistence.

Image Recognition Intern | Trip.com Group **Dec 2024 – Feb 2025**

Shanghai, China

- Achieved 98.49% test accuracy for pre-OCR language classification by refining preprocessing, expanding training data and tuning ConvNeXt.
- Integrated image preprocessing and ConvNeXt inference into a Flask API for downstream OCR.
- Evaluated pdfminer.six to extract text from digital invoices without image conversion or OCR.

Additional Projects

Glance | Creator & Maintainer | glance.gadels.com

- Created Glance as a standalone macOS product based on Status Trio using AI-assisted development, adding a customisable footer and native weather, and shipping releases with automatic updates.

ROS 2 Fall Detection System | UNSW Capstone **Feb 2025 – Aug 2025**

- Built a ROS 2 pipeline using YOLO11 pose estimation and consecutive-frame confirmation; achieved 95.0% accuracy across 160 staged fall and daily-activity events with one participant.

Education

Master of Information Technology | UNSW **Sep 2023 – Aug 2025**

Specialisation in Artificial Intelligence | Sydney, Australia

Bachelor of Communication Engineering **Sep 2018 – Jun 2022**

South Central University for Nationalities | China

Additional Experience

Customer Service Team Member | Coles **Nov 2025 – Present**

- Help customers resolve scanning and payment issues at self-checkouts.

Retail Volunteer | Red Cross Shop **Jun 2025 – Feb 2026**

- Processed checkout transactions and tagged and prepared clothing for sale.