

Melody Yuen

Junior Software Developer | 07774-195-561 | melody.yuen@icloud.com | Staines | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PERSONAL STATEMENT

Highly motivated Software Developer with 2+ years' experience in hybrid mobile app development and recent expertise in full-stack web experience. Skilled in JavaScript, TypeScript, React, and mobile technologies, delivering reliable, user-focused solutions. Adept at problem-solving, teamwork, and Agile methodologies, with a strong commitment to continuous learning and technical excellence.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python
- **Frontend:** HTML, CSS, React, Tailwind CSS, Material-UI, Angular
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** Relational - PostgreSQL | NoSQL - MongoDB, Firebase Firestore
- **Mobile Development:** React Native (Expo), Ionic Framework
- **Testing:** TDD (Test Driven Development), Jest, Supertest
- **Practices:** Agile, Scrum, Kanban, CI/CD (Continuous Integration and Continuous Delivery), Pair Programming
- **Tools:** Git, GitHub, GitHub Actions, Supabase, Render, Netlify, Vite

PROJECTS

Work-XP Mobile Application | [Group Project](#)

React Native, TypeScript, Firebase, Expo

- Developed secure authentication using Firebase Authentication and real-time chat with Firestore.
- Integrated Cloudinary for image uploads and React Native Paper for UI components.
- Collaborated in a 6-member Agile team to deliver a scalable mobile solution.

NextCore News Web Platform | [Frontend](#) & [Backend](#)

Node.js, Express, PostgreSQL, React, Tailwind CSS

- Built a RESTful API handling users, articles, comments, and votes.
- Applied TDD with Jest and Supertest; deployed backend on Render, frontend on Netlify.
- Created an interactive UI with React, React Router, and Axios for seamless user experience.

PROFESSIONAL DEVELOPMENT

Software Development in JavaScript - Skills Bootcamp | Northcoders

Dec 2024 - Mar 2025

- Intensive training in JavaScript, Node.js, and React full-stack development.
- Delivered multiple full-stack applications using TDD and Agile methodologies.

EXPERIENCE

AI Trainer (Independent Contractor) | Outlier

Sept 2024 - Present

- Simulated user interactions to enhance AI model responses using Reinforcement Learning from Human Feedback (RLHF) techniques.
- Refined AI-generated outputs by coding evaluation scripts and optimising responses.

Software Developer | Gleneagles Hospital Hong Kong

May 2019 - July 2021

- Developed hybrid mobile applications using Ionic (Angular), improving staff workflows.
- Integrated Python RESTful APIs and contributed to backend modifications.
- Assisted in system monitoring development with C# and conducted unit and integration testing.

EDUCATION

Bachelor of Social Sciences | University of Hong Kong

Sept 2013 - June 2018

- Graduated with a **2:1**
- **Major:** Psychology | **Second Major:** Computer Science
- **Exchange Programmes:**
 - Keio University, Japan (6 months) - Japanese Language and Cultural Studies
 - Yonsei University, South Korea (4 months) - Computer Graphics and Social Sciences
- **Relevant Coursework:** Computer Programming, Data Structures and Algorithms, Artificial Intelligence, Software Engineering, Object-Oriented Programming and Java, Web Technologies, Advanced Database Systems

Hong Kong Diploma of Secondary Education | True Light Middle School of Hong Kong

Sept 2007 - June 2013

- **Information and Communication Technology (with Programming elective):** 5* (A equivalent)
- **English Language:** 5 (A equivalent)

LANGUAGES AND INTERESTS

- **Languages:** English (Fluent), Cantonese (Native), Mandarin (Fluent)
- **Interests:** Drawing (pencil sketching, watercolor, digital illustration with Procreate), Photography (portraits, travel, self-published photo books, Photoshop editing)