Elena (Yi-Ying) Chiang

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Career changer from project management to software engineering with a strong foundation in Python, JavaScript, and web development. Combining 5+ years of stakeholder management and process optimisation experience with hands-on software development skills. Currently developing a gamified productivity application (React + Django + PostgreSQL). Open to software engineer roles starting September 2025.

Education

MSc Computer Science (conversion) (Queen Mary University of London) Sep.2024 - Aug 2025
- Key Modules: Data Analytics, Machine Learning, Database, Networks, Security & Authentication, Risk & Decision-Making for AI.

MSc Events Management - Merit (Bournemouth University, Bournemouth)   Jan.2019 − Mar.2021

BA Taiwanese Literature & Mass Communication (Providence University, Taiwan)   Sep.2009 − June 2013

Key Skill

- Languages: Python, JavaScript, SQL, HTML, CSS
- Frameworks: React, Django, Flask
- Database: PostgreSQL, MySQL, SQLite
- Tools: Git, GitHub, REST APIs, Linux CLI, Heroku, Railway
- Others: Software Engineering, Agile Methodologies, Project Management

Projects

Gamified Productivity App (MSc Final Project, Ongoing)
- Tech Stack: React, Django, PostgreSQL, REST API, Heroku
- Engineered an adaptive task-scheduling system with gamification features (missions, rewards, progress tracking).
- Designed and implemented backend REST APIs and frontend UI for user authentication, stats tracking, and task automation.

COVID-19 Dashboard
- Tech: Python, REST API, Matplotlib
- Developed a dashboard that fetches and visualises real-time COVID-19 data using public APIs.

Student Performance System
- Tech: Python
- Built a command-line tool to manage student records, showcasing file I/O, error handling, and data validation.

Work Experience

Sales Associate
- *Dickies*, London   Oct 2024 – Present
  Assisted customers, managed transactions, and ensured efficient store operations.
- *Skechers*, London   Mar 2022 – Aug 2023
  Awarded London District MVP for outstanding service and issue resolution. Led process improvements that doubled sales revenue within three months.

Livestream Coordinator & Social Media Manager *(Tomsu, Taiwan)*   Apr 2021 - Aug 2021, Mar 2024 - Aug 2024
- Automated livestream backend workflows, improving efficiency by 25%.
- Managed digital tools to streamline operations and boost engagement by 30%.
- Coordinated cross-border livestreams, developing strong problem-solving and stakeholder communication skills.

International Liaison Office Internship *(China UK Gateway, London)*   Feb. 2020 − Sep. 2020
- Conducted market research and developed data-driven digital campaigns, increasing engagement by 10%.
- Led a team in gathering and analysing information to improve targeted marketing strategies.

Event Planner *(Elite International Group, Taipei)*   Jun. 2013 − Aug. 2017
- Organised large-scale events, overseeing venue selection, vendor negotiations, and logistics.
- Implemented process automation and price optimization, reducing operational costs by 20%.
- Led team planning sessions and trained on-site staff, ensuring smooth execution of high-profile events, including a presidential visit.

Volunteer experiences

Minister of Event Planning Department *(*Taiwanese student association, Bournemouth*)*   Oct. 2018− Aug. 2019
- Organised budget-friendly events, raising attendance by 30%.
- Implemented new process workflows, cutting meeting times by 66%.