

Yue Wen Peter Li

US Citizen | Currently based in Boston | Available from May 2025

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Github: <https://github.com/peter890176>

Personal Website: myweb-peterli.netlify.app

Education

Northeastern University, Boston, MA	Sep 2023 - Apr 2025
M.S.in Computer Science GPA:3.8/4	
National Yang Ming Chiao Tung University, Taipei, Taiwan	Sep 2019 – Jan 2023
M.S. in Health and Welfare Policy, GPA:4.1/4.3	
Fu-Jen Catholic University, Taipei, Taiwan	Sep 2014- Jun 2018
B.A. in Sociology & B.S. in Psychology, GPA: 3.8/4.0	

Project Experience

Mock Stack Overflow

Tech Stack: React.js, Express.js, Node.js, MongoDB, Cypress, Docker, Jest, CI/CD

A containerized full-stack application mimicking Stack Overflow in a two-person team with features like user authentication, question posting, filtering, and voting.

Kambaz Education Platform

Tech Stack: React.js, Redux, TypeScript, Node.js, Express, MongoDB, Bootstrap

A full-stack education platform deployed to cloud, supporting user management, course enrollment, and quiz features with RESTful API integration and session management.

Automated Trash Mapping System

Tech Stack: Python, NetworkX, NumPy, SciKit-learn

A multi-agent application in a five-person team. Leveraged sociological insights to simulate real-world road congestion, integrating K-Means clustering, A* algorithm, and interactive visualizations to present data efficiently.

Personal Portfolio Website

Tech Stack: Django, DRF, React.js, JavaScript, CSS, HTML, Axios

Utilized psychological insights to design a user-centric interface with smooth scrolling and dynamic content, supported by a RESTful backend and deployed via Netlify and Railway.

Image Processing Application

Tech Stack: Java, Swing GUI, OOP, Design Patterns, JUnit

Led a two-person team to build a Java-based GUI application for image editing. Optimized UX with intuitive design, leveraging psychological principles for enhanced usability.

Certifications

Meta Back-End Developer Professional Certificate	Mar 2025
Meta Front-End Developer Professional Certificate	Sep 2024
Google Data Analytics Professional Certificate	Sep 2021

Work Experience

Research Assistant, Institute of Health and Welfare Policy, Taipei, Taiwan	Aug 2020 – Jul 2021
Conducted statistical analysis on longitudinal cohort data using Python and statistical tools. Prepared data-driven insights for conference publications.	