

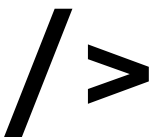


# FIONA WU

## SOFTWARE ENGINEER

### / ALL ABOUT ME

I have a strong passion for creating intuitive and engaging user interfaces using the latest web technologies. Through self-motivation and a dedication to continuous learning, I have acquired a deep understanding of HTML, CSS, and JavaScript, as well as expertise in React and other popular frameworks. My self-taught background has instilled in me a strong work ethic, an ability to solve complex problems, and a commitment to delivering high-quality code. I am excited to bring my unique perspective and skills to any project and collaborate with others to build exceptional digital experiences.



### / BASIC INFO.

Name 吳詩昀 Shih-Yuan, Wu  
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### / EDUCATION

#### >> National Taiwan University

BS Electrical Engineering | 2019 ~ current

- Relevant courses:
  - Computer Programming: Python
  - Web Programming
  - Data Structure / Algorithms
  - Database Management System
  - Human Computer Interaction
  - Software Engineering
- Minister of Information Department of EE Student Association

### / PROJECTS

#### >> NTUEE LightDance Editor ([GitHub](#))

Frontend leader of year 2022

- An editor system for Tron Dance that provides interface for lighting design, simulation, and control with music
- **React** framework as frontend and **Node.js** for backend
- Follow **GitHub flow** and weekly standup meeting to organize
- **Utilized: React, Redux, TypeScript, RESTful API, GraphQL, Three.js, Node.js, MongoDB**

#### >> NTUEE Course Website ([GitHub](#))

- Course registration and distribution system for all EE students
- Use **React** as frontend, **Node.js** for backend, and **Python Flask** for distribution server
- **Utilized: React, RESTful API, Node.js, Flask, MongoDB**

#### >> Digit ([GitHub](#))

- Version Control System for **PostgreSQL** that supports basic functions in Git
- CLI implemented by **Go** and a self-designed version control strategy

#### >> MakeNTU Website ([Link](#)) & LightDance Website ([Link](#))

Static websites built with **Gatsby** and **Contentful** as headless CMS

### / WORK EXPERIENCE

#### >> Frontend Developer Intern

Memopresso Inc. | December 2022 ~ March 2023

- Designed and developed artist stickers and frame management page.
- Optimized website performance, reducing page loading time by an average of 10 seconds and increasing page speed scores by 20%.
- Fixed multiple vulnerabilities and bugs, improving the product's stability.

#### >> Software Engineer Intern

Broton Technology Co. | July 2021 ~ June 2022

Using ML knowledge and web programming skills to design and build a sign verification project from scratch.

### / KEY SKILLS

- Python, Javascript, TypeScript
- Frontend: React (React Router, Redux, NextJs, MUI...)
- Backend: Flask, NodeJS Express, Apollo GraphQL server
- Database: MongoDB, PostgreSQL, MySQL
- Product management
- Git
- UI/UX Design