# TU HSAING-LING

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#### **EXPERIENCE**

2021/2 - Present

## **NUEIP - Front-end Engineer**

- Front-end development of cloud software services, serving 2,000+ corporate users and 150,000+ cumulative users.
- Collaborated with back-end engineers to establish frontend-backend data interaction using RESTful APIs.
- Collaborated with UI/UX designers to create a component library, enhancing team efficiency and maintaining product consistency.
- Contributed to product feature design and performed front-end testing with Jest.
- Conducted code reviews to ensure code style consistency and quality.

## **PROJECTS**

2022/09 - Present

## **Business Process Management System - Diverse Form Process Design**

- Developed adaptive web pages for mobile and desktop, enhancing user experience.
- Created reusable components to improve encapsulation and reusability.
- Implemented authentication mechanisms using route guards and custom directives to control the visibility and availability of functionalities based on user roles.

2021/02 - 2022/09

### **Business Intelligence Tool - Visual Analytics Tool for Data**

- Create customizable charts with advanced data analysis capabilities. Enable multi-dimensional filtering and interactive data exploration.
- Record user actions, enabling users to undo and redo interface operations using previous/next buttons.
- Implement multilingual support for language switching.

## **EDUCATION**

2014 - 2019

National Chiao Tung University, Department of Communication & Technology

### **CERTIFICATION**

- Google IT Support Certification, Google UX Design Certification
- TOFIC Gold Certification

#### **SKILLS**

- Languages: HTML, CSS, JavaScript
- Frameworks: Vue.js
- State Management: Vuex, Pinia
- Testing: Jest
- UI/UX Design: Figma

- Web Design: Responsive Web Design, Adaptive Web Design
- Version Control: Git
- Development Methodology: Waterfall
- Collaboration Tools: Trello