

# Kuan-Hsin Huang

Mobile: (+886) 911-690-250 | E-mail:verna20020427@gmail.com

## EDUCATION

<b>National University of Singapore (NUS), Singapore</b> <i>Master of Computing</i>	Aug. 2025 – Dec 2026
<b>National ChengChi University (NCCU), Taipei City, Taiwan</b> <i>Bachelor of Science - Risk Management and Insurance</i>   one-time Dean's Lists recipient   Cumulative GPA: 4.08/4.3	Sep. 2021 – Jun 2025

• Courses: Software Development Fundamentals, Artificial Intelligence, Database Design and Programming, etc.

• Relevant Coursework: Computer Programming, Introduction to Computer Science, Data Structures and Algorithms, Machine Learning and AI: Case Implementation

## PROFESSIONAL EXPERIENCE

<b>Contemporary Education and Technology Inc., California, United States (Remote)</b> <i>Frontend Engineer Intern</i>	Jun. 2023 – Present
• Designed and implemented the multilingual “Kickstart” modules from scratch, transforming Figma mockups into responsive HTML/CSS pages, managed version control via Git, deployed the project to production environment. • Refined responsive Login, Register, Forgot Password, and Reset Password pages using HTML, CSS, and Vue.js. Ensured cross-device compatibility with Responsive Web Design (RWD) principles	

*Executive Assistant*

- Conducted website functionality testing in collaboration with engineers, contributing to a 10% improvement in development efficiency.
- Conducted data analysis based on the Spanish-language learning pilot and developed a case study to evaluate user engagement and learning outcomes.
- Demonstrated strong team coordination and communication skills, facilitating weekly technical meetings with engineers to align on project progress and future work plans.

## SELECTIVE PROJECTS

<b>Machine Learning and AI: Case Implementation, NCCU, Taipei City, Taiwan</b>	2025
• Final project: Built a predictive model using Kaggle’s heart disease dataset for life insurance applications; conducted EDA, data preprocessing, feature engineering, supervised learning, and clustering to support risk profiling and underwriting automation.	
<b>Coding and Co-working Club, NTU, Taipei City, Taiwan</b>	2024
• Final project: travel Discord bot integrating multiple APIs for various functions like travel reminders and dining and travel recommendation.	
<b>Data Science, NCCU, Taipei City, Taiwan</b>	2024
• Midterm project: Applied image segmentation techniques (K-Means, YOLO) on the COCO dataset; evaluated performance using Intersection over Union (IoU). • Final Project: Developed a news headline classification model using SVM, Random Forest, and BERT; evaluated performance with confusion matrix and visualized results for interpretability.	

## CERTIFICATES

### Coursera Courses:

- AI Practitioner (By AWS)
- Programming with JavaScript (By Meta)
- HTML, CSS, and JavaScript for Web Developers (By Johns Hopkins University)

## ADDITIONAL INFORMATION

**Language Skills:** Mandarin (*Native*); English (*Fluent*)

**Technical skills:** Figma, Python, HTML, CSS, JavaScript(Vue.js), Git