

Kai-Chih (KC) Huang

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EDUCATION

Texas A&M University

College Station, TX

Master of Computer Science, GPA: 4.0/4.0

Aug. 2022 – May 2024 (Expected)

- Coursework: Analysis of Algorithms, Parallel Computing, Software Engineering, Network Security, Data Analytics for Cybersecurity, Artificial Intelligence

National Tsing Hua University |

Hsinchu, Taiwan

National Taiwan University of Science and Technology

Taipei, Taiwan

Continuing Education Program

02/2021 – 01/2022

- Coursework: Algorithms, Data Structures, Operating Systems, Computer Architecture

National Taiwan University

Taipei, Taiwan

Bachelor of Business Administration, major in Finance, GPA: 3.6/4.3

Sept. 2014 – June 2018

- Coursework: Linear Algebra, Calculus, Statistics
- Exchange Student Program: National University of Singapore, Shanghai Jiao Tong University

TECHNOLOGIES AND TOOLS

- JavaScript | Java | Python | HTML/CSS | C++
- React | Node.js | Express | Spring Boot | MySQL | MongoDB | Docker | Git | Linux

PROJECTS

Banking Portal

- Developed RESTful API and implemented MVC architectural pattern with Java Spring Boot and MySQL
- Packaged and ran the service on Docker Container

Personal Website

- Built a static portfolio website by using React framework, and deployed on Netlify
- Implemented Responsive Web Design (RWD) to let the website renders well on all screen sizes

MyMathApps

- Fixed and updated legacy code of a web-based textbook store which is originally not functioning
- Refactored frontend code written in React, rebuilt backend with Node.js, Express, and MongoDB, and deployed on Heroku
- Applied SCRUM and Behavioral-Driven Development by Cucumber and Selenium

EXPERIENCE

NielsenIQ

Shanghai, China

Analyst

Apr. 2019 – Mar. 2020

- Communicated with software engineer to design questionnaire program for market research projects
- Structured and manage project timeline, headed desk research before project kick-off; monitored data collection quality during fieldwork; conducted data analysis and delivered final report
- Participated in 10+ various projects including product pre-launch test, customer segmentation, and market entry research

Design Thinking Club, National Taiwan University

Taipei, Taiwan

Academic Director

Sept. 2015 – June 2016

- The first club over Asia-Pacific region to promote design-thinking-problem-solving method;
- Coordinated and coached a design thinking workshop with 70+ various background participants
- Initiated the first design thinking online course taught in Chinese with over 450 enrollments