

Yu-Huai (Dax), Chen

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Education

University of Wisconsin – Madison Madison, WI
M.S. Computer Science Sept. 2018–May 2020

- GPA: 4.0/4.0. Courses: Directed Study in Data Visualization, Operating Systems, Computer Graphics, Computer Networks, Programming Languages and Compilers, and Data Structures.

National Taiwan University (NTU) Taipei, Taiwan
B.S. Chemical Engineering Sept. 2011–Jan. 2016

- CS related courses: Networking and Multimedia Lab, Software Engineering, Data Structure, Programming.

Honors and Awards

- Plug and Play – Silicon Valley** Sunnyvale, CA, USA
20k USD Grant from Taiwan Innovation and Entrepreneurship Center Apr.–June 2016
- 1st Prize** Taipei, Taiwan
TMU Innovation and Entrepreneurship Competition May–June 2016
- Winner** Taipei, Taiwan
20k USD Grant from NTU Diamond Seed Fund May 2015
- 2 Enterprise Awards (Accupass & ALPHAcamp)** Taipei, Taiwan
NTU Hackathon 2015 July 2015

Professional Experience

Phoenix Technologies Taipei, Taiwan
Front-end Engineer (part-time, remote) June 2018–Present

Project: Distributed blockchain game base real-life sports events

- Developed a decentralized Ethereum DAPP using Vue, Ethereum Smart Contract and Web3.js.

Project: CoinIsland – Cryptocurrency exchange portal for more than 1000 pairs

- Built real-time trading Progressive Web App (PWA) using Vue. Integrated more than 20 Exchange APIs.

Installments Inc. Taipei, Taiwan
Lead Front-end Engineer May 2017–July 2018

Project: [INSTO – recurring and installment payments platform](#)

- Developed new company website and user-facing dashboard using Vue, NGINX, and GSAP.
- Enhanced loading performance by more than 30% with Progressive Web App (PWA) and offline support.
- Introduced Continuous Integration/Continuous Delivery (CI/CD) into existing workflow.

Project: [INSTO Store – installment payment e-commerce platform](#)

- Developed a full-stack e-commerce platform using Nuxt.js. Integrated own payment gateway.

Ministry of Justice Taipei, Taiwan
Software Engineer / Substitute Military Service (Compulsory) July 2016–July 2017

Project: Case management and document automation system

- Developed new automation system using VBA, Vue, Chart.js and Firebase. Enhanced efficiency by 500%.

Clipo Inc. (Startup) Sunnyvale, CA, USA & Taipei, Taiwan
Co-founder & CTO June 2015–Aug. 2017

Project: Clipo – real-time knowledge management and sharing platform for students

- Raised 1.5 million Taiwan Dollars (~50K USD) funding. Joined Plug and Play Silicon Valley.
- Directed and lead product planning and development. Built real-time, cross-platform web apps and a Chrome Extension using React, Redux, Meteor.js, AWS EC2+S3, and Docker containers.

Skills

Languages: JavaScript/Node.js/ES6+, CSS/SASS, Java, Python.

Technologies: Vue, React/Redux, Webpack, Web3, AWS, Git, CI/CD, Docker, MongoDB, NGINX.