Chih-Ken (Iven) Yao

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EDUCATION

University of Southern California, Los Angeles, CA

Master of Science in Computer Science   **August 2021–December 2023**

- ❖ Coursework: Introduction to Programming Systems Design(A), Analysis of Algorithm(A), Web Technologies, Introduction to Computer Network

National Cheng Kung University, Tainan, Taiwan

Bachelor of Hydraulic and Ocean Engineering   **September 2011-January 2016**

- ❖ Awarded "Academic Excellence Award", given to students ranked among top 10% by GPA
- ❖ Coursework: Introduction to Computer (A), Intro to Computer Science (A), Program Design 1 (A), Program Design 2 (A), Discrete Mathematics(A), Theory of Computational(A), Operating Systems(A), Algorithms(A), Computer Organizations(A)

WORK EXPERIENCE

BankPro E-Service Technology Co., ltd, Taipei, Taiwan

Software Engineer   **July 2016–July 2019**

Java | jsp | CSS | JavaScript | SQL | Bootstrap 4

- ❖ Developed and maintained online enterprise banking system of Bank of Taiwan
- ❖ Rebuilt system into responsive web design with Bootstrap 4
- ❖ Built two factor authentication for system with google authenticator, Fido u2f key, and other approaches.

RELEVANT EXPERIENCE/ PROJECTS

Taiwan Artificial Intelligence Academy Artificial Intelligence program for technical professionals

- ❖ Coursework: R (Programming Language), Python, Probabilities and Statistics, Machine Learning, Deep Learning, Nature Language Processing, Reinforcement Learning
- ❖ Team Project: "Cancer Death Rate Prediction" using data analysis, feature engineering, and survival analysis to predict lung cancer with ~90% accuracy
- ❖ Team Project: "Generating missing part of food pictures with AI solutions" training a generative adversarial network model based on DeepFill with food pictures

Full Stack Web Development with React (Coursera) Bootstrap 4 | React | React Native | Expo App

- ❖ https://iven-yao.github.io/conFusion-react
- ❖ Building a restaurant introduction website with React and Bootstrap 4
- ❖ Rebuilt whole website into Android App with React Native and Expo App

Minesweeper Java

- ❖ https://github.com/Iven-Yao/MineSweeper
- ❖ An imitation of classic Minesweeper game with Java

LEADERSHIP & INVOLVEMENT

Leader/ Treasurer of Campus Stray Animal Caring Group @ NCKU

- ❖ Held adoption events and animal protection speech
- ❖ Led a 20-member subgroup to help aggressive dogs training, and injured animals caring
- ❖ Managed group properties and financial records, worked closely with members and school officials