

FAN-CHI YEH

Github: [ncuhangzi](#) | [Personal Website](#)

781.219.1987 | st30201@gmail.com

LinkedIn: <https://www.linkedin.com/in/fan-chi-yeh/>

EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science in Information Systems

Boston, MA

Expected June 2024

- user experience design and testing; object-oriented design; program structure and algorithms.

NATIONAL CENTRAL UNIVERSITY (NCU)

Master of Business Administration in Information Management

Taoyuan, Taiwan

July 2022

- business intelligence; software process and project management; software engineering; computer networks.

Cumulative GPA: 4.08 /4.3.

NATIONAL CENTRAL UNIVERSITY (NCU)

Bachelor of Business Administration in Information Management

Taoyuan, Taiwan

June 2020

- marketing; system analysis and design; web programming; algorithms.

Cumulative GPA: 3.47 /4.0.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS, Ruby, ABAP.

Programming Frameworks: Vue.js, Laravel, Ruby on Rails.

Tools: Git, Docker, Nginx, MySQL, Figma.

PROFESSIONAL EXPERIENCES

DATA SCIENCE AND NLP LAB, NCU

Research Assistant

Taoyuan, Taiwan

September 2020 - July 2022

- Extracted textual latent representation from over 320,000 restaurant reviews on yelp by natural language processing techniques such as word2vec, doc2vec, BERT.
- Calculated cosine similarity of latent vectors in feature space to find out top-20 affordable restaurants are highly relevant to fine dining.

LINE GAME, LINE TAIWAN LIMITED

Technical Assistant Intern

Taipei, Taiwan

July 2019 - July 2020

- Implemented front-end functions of customer loyalty project "LINE GAME University," a system with over 100,000 users.
- Updated game servers with a version control system, Apache Subversion (SVN), and wrote shell scripts for automated updates.
- Designed chatbot message templates for marketing campaigns with JSON and CSS.

RELEVANT PROJECTS

AI-DRIVEN HOTELS PRICING SYSTEM

National Central University, Dunqian Intelligent Technology

Taoyuan, Taiwan

July 2021 - August 2022

- Collaborate with a hospitality management company and be responsible for data collection. Includes scraping information from mainstream Online Travel Agency (OTA) websites.
- Overcome website anti-crawler mechanism with selenium, fake user agent, sending request headers, proxies, and random waiting time that scrape over 100,000 reviews from over 8,000 hotels.

PERSONAL OUTFIT RECOMMENDATION SYSTEM

National Central University

Taoyuan, Taiwan

June 2021 - June 2022

- Created a recommendation system that considered users' clothing-related general compatibility and personal preferences with an integrated attention mechanism based on a Bayesian Personalized Ranking (BPR) algorithm. Improve 0.03 in AUC than the previous state-of-the-art research.
- Built entire framework with NumPy, PyTorch, Keras libraries to perform outfits recommendations on input queries.