

Chao-Ting Chen

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EDUCATION

BSc. Computer Science With Artificial Intelligence Specialization

Taipei, Taiwan | Sep 2021

NATIONAL CHENGCHI UNIVERSITY

Double Major in Digital Content and Technology; Minor in Electro Physics; Cum. GPA: 4.16/4.3

Teacher Assistant (TA): Computer Programming

Coursework: Data Structures; Algorithms; Operating Systems; Data Mining; Machine Learning; DBMS

SKILLS

Languages: Rust, C++, Python, C#, Shell, Golang, Bash, C, Lua

Web Development: JavaScript, TypeScript, Next.js, HTML/CSS

Machine Learning: Tensorflow, Pandas, mlxtend, sklearn

Databases: SQL, MongoDB, IoTDB

Technology: Git, GCP, Docker, Nginx, \LaTeX , Unity

API Design & Development: gRPC, RESTful APIs, OpenAPI

EXPERIENCE

INSTITUTE OF INFORMATION SCIENCE, ACADEMIA SINICA | INTERN STUDENT Taipei, Taiwan | Sep 2020

– Current

- Conducted research related to Large Language Models (LLMs), culminating in a submission and demo paper publication at the International Joint Conference on Artificial Intelligence (IJCAI).
- Chao-Ting Chen and Hen-Hsen Huang "Integrating LLM, VLM, and Text-to-Image Models for Enhanced Information Graphics: A Methodology for Accurate and Visually Engaging Visualizations".

MINISTRY OF SCIENCE AND TECHNOLOGY | INTERN STUDENT

Taipei, Taiwan | Feb 2021 - Current

- Conducted research on quantum annealing and simulated annealing, leveraging Fujitsu APIs along with Rust and C/C++ to develop a multifunctional annealing machine.
- Participated in College Student Research Scholarship titled "Multifunctional quantum annealing toolkit and its applications," focusing on the development and exploration of practical uses for quantum annealing technologies.

NATIONAL CHENGCHI UNIVERSITY | TA & RA

Taipei, Taiwan | Feb 2021 – Current

- Worked as a Teaching Assistant for Computer Programming courses.
- Served as a Research Assistant (RA) at the Institute of Applied Physics.

LEADERSHIPS

GOOGLE DEVELOPER STUDENT CLUB | TECH LEAD

Taipei, Taiwan | July 2021 – Feb 2024

- Held the position of Tech Lead in the Google Developer Student Club, driving technological projects and initiatives.
- Developed the club website for the Google Developer Student Club (GDSC) using Next.js for the front end, Python Flask for the backend, and Google Firebase for the database management.

PROJECTS

CITIZEN MEDIA

GOLANG, RUST, TYPESCRIPT, POSTGRES SQL, gRPC, NLP, DOCKER, GCP, MONGODB

Leveraging Next.js for the frontend and a microservices architecture with technologies like Express, Nginx, Golang, gRPC, etc., along with Large Language Models (LLMs) enhanced with Retrieval Augmented Generation (RAG).

AWARDS

2023.06	3 rd	Certificate of Excellence
2022.10	1 st	2022 Game Design Hackathon
2022.10	Finalist	National Collegiate Programming Contest
2022.05	2 nd	NCCU Startup Hackathon