蘇子權 Tsu-Chuan Su

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EDUCATION

National Taiwan Normal University   **Taiwan, ROC**
Bachelor of Computer Science and Information Engineering   *Sep 2020 - Jun 2024*

EXPERIENCE

Teaching Assistant of Computer Programming I、II Course
National Taiwan Normal University   *Sep 2022 - Jun 2023*

- Assignment and Exam Correction
- Developed a correction program utilizing methods such as sigsetjmp and signal.
- Addressed individual inquiries from over 110 students via email correspondence.

Position Held: Teaching Leader and Speaker, NTNU CSIE Camp
National Taiwan Normal University   *Jan 2023 - Jul 2023*

- Plan courses and activities, monitored teaching progress, and evaluated course content.
- Served as a speaker on sharing insights on leveraging all available channels and resources
- as well as structuring practice sessions and schedules in algorithm competition.

OPEN SOURCE CONTRIBUTION

jc: https://github.com/kellyjonbrazil/jc
Open Source CLI tool that converts common strings to JSON, YAML, or Dictionaries   *Apr 2023*

- Discovered discrepancy in data analysis from the git log parser.
- Utilize breakpoint debugging, pinpointing a logic error in the regex
- Rectified the regex logic, open issue and PR for the product owner.

PROJECTS

Portfolio Website: https://subarya.me/
This is a self-built portfolio website.   *Apr 2023 - Present*

- Catalog all projects (including those mentioned below).
- Utilize Swiper to assist in explain the motivation, introduction, and Tech Stack of each project.

Department of CSIE Enrollment System
This is the project for enrollment system of the Department of CSIE at NTNU.   *Sep 2022 - Dec 2022*

- Led a team of 8 peers in frontend development projects, serving as the Scrum Master.
- Monitor development progress through issue tracker.
- Importing university, master's, etc data from excel sheets for the school end.
- Implemented role-based access control.
- Established fully online processes for notifications, evaluations, and signatures.

University Ranking and Popular Field Discussion Platform: https://github.com/LATIA112-1-Finial-Project
Use chart easily comparing global university rankings and trends. *Oct 2023 - Jan 2024*

- Led a team of 3 peers in full-stack development projects, serving as the PM.
- Cross-compare university rankings and domain trends using Echarts.
- Intuitive user interface with emphasis on Landing Page CTA.
- Comprehensive exception handling on both frontend and backend.
- Established a discussion forum to foster user interaction.

Generative Design in Minecraft: https://github.com/NTNU-GDMC/GDMC
Simulating players interacting with 3D world and building settlements. *Oct 2022 - Aug 2023*

- Designer of Multi-Agent System architecture.
- Designer of analysis of environmental resources.
- Good scalability, facilitating easy modification of decision functions for agents.
- Achieved first place in the 2023 IEEE Cog GDMC competition.

AWARD

第一屆教育數據啓航創意黑客松，入選決賽/佳作 **Jan 19 2024**

ICPC Asia Taoyuan Site, Bronze Award **Nov 19-21 2022**

TECHNICAL SKILLS

Programming Languages: C, C++, TypeScript, LATEX, Python
Framework: Vue.js (Composition API), Flask
API: RESTful
Database: SQLite, MySQL
CI/CD: GitHub Action
Other: GitHub, Docker, Linux, Selenium, Linear, Trello