

JIN-RU Hsieh 謝謹如

New Taipei City, Taiwan

+886-953-108011

hjrruru@gmail.com

EDUCATION

BS in Computer Science & Information Engineering | **GPA: 4.12/4.3** | 2021 - 2025(Expected)
National Central University

Relevant Coursework: Algorithmics, Data Structure, Network and Database Programming, Operating System, Principles of Programming Languages, Assembly Language and System Programming, Special Topics on Computer Programming, Compiler, Computer Organization, Computer Network, Introduction to Computer Science, Linear Algebra, Engineering Mathematics, Introduction to Information Security, Digital Design

SKILLS

Programming Languages: C++, Python, Java, x86 Assembly

Framworks / Databases: Flask, Django, SQLite, MySQL, MongoDB, wxWidgets, PyQt

PROJECTS

Auction | Python, TCP | Nov, 2023

- Created an auction simulator in Python, employing sockets to establish a TCP connection, enabling up to 4 simultaneous users.
- Implemented real-time bidding functionality allowing synchronized viewing of bidding prices for all participants.
- Used PyQt to craft an intuitive user interface.

Sky View | Python, MySQL | Oct, 2023

- Developed a tool enabling location-based coordinate searches, dynamic star visualization, and detailed constellation information display.
- Implemented complex astronomical algorithms for star and constellation visualization.
- Designed a graphical user interface using wxPython for seamless celestial exploration.

Professor Maker | Java | Jun, 2022

- Developed a simulation game nurturing a professor from infancy to adulthood using Java.
- Implemented diverse mini-games and merged team members' code contributions.
- Utilized JavaFX graphical user interface design for the interactive professor-raising experience.

AWARDS & CERTIFICATIONS

2023 - Honorable Mention Award, National Collegiate Programming Contest (NCPC)

2023 - Top 4%, Collegiate Programming Examination (CPE)