CHENG HO MING

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EXPERIENCE

InspireLab Limited, Summer Internship   **May 2024 - Aug 2024**

- Integrate 4 open-source libraries into applications running on low-cost CH32V003F4P6/ J4M6 MCU.
- Apply 4 hardware modules (USART, I2C, ADC, GPIO) for device communication.
- Propose 3 suggestions to hardware engineers for designing new boards.
- Implement emulator library for embedded software development without hardware boards.

Stock Market Simulator, School Project   **Apr 2024**

- Speed up Code Review by using GitHub Actions.
- Deliver quality code by enforcing formatting style and documentation.
- Collaborated with 4 teammates from various backgrounds, getting full mark from evaluation.

PyInstaller, Open Source Development   **July 2021 - Nov 2021**

- Submitted and Merged 16 Pull Requests. 14 on pyinstaller-hooks-contrib, 2 on pyinstaller.
- Document change log, write test cases, run Actions CI, answer StackOverflow questions.

EDUCATION

Bachelor of Arts and Science in Applied Artificial Intelligence   **Sep 2023 - Aug 2027**
The University of Hong Kong

- Cumulative GPA 3.42/4.30 in 11 courses
- A range in Python/C/C++ and Computer Organization
- Basic knowledge in Statistics

King's College, Hong Kong   **Sep 2017 - Aug 2023**
Hong Kong Diploma of Secondary Education

- Level 5* in Mathematics, Physics and 'Information and Communication Technology'

ADDITIONAL INFORMATION

- **Programming Languages:**
  - **Frequently Used:** Python, C/C++
  - **Attempted:** Pascal, Makefile, Bash, Excel VBA
- **Languages:** Cantonese (Native), English (Fluent), Mandarin (Fluent)

Last Updated on 10 Aug 2024