

Cheng Po Sheng | 鄭泊聲

bencer3283.github.io/

Pursuing Bachelor of Science in **Bio-Mechatronics Engineering** and Bachelor of Arts in **Economics** at National Taiwan University (NTU), expected to graduate in Jun. 2023.

Experiences

Mechanical Engineering Intern, Logitech

- Feb. 2022 - Jun 2022.
- Bringing electrical engineering skills to mechanical team to create new technology for keyboard.
- Involves ProE/Creo, R, SLA/3DP prototyping.

College Student Researcher, NTU

- Jul. 2021 - Feb. 2022.
- Develop a novel spectral measurement and mapping system that integrates several components with LabVIEW. [Details linked here.](#)
- Also involves Flutter/Dart, UI/UX, C++, optics engineering, hyperspectral image processing.
- The project won an Excellence Awards (NT20,000) at 2021 CCMS Innovative Techniques Competition.

Self-directed project, Bio-Electromagnetics Laboratory, NTU

- May 2020 - present
- Design a IoT-connected machine to monitor the amount of bugs in farm fields with [self-designed controller board and mechanics.](#)
- Involves mechatronics, IoT (XBee), PCB design (Altium), Python, SolidWorks, micro-processor, Raspberry Pi, MySQL.