

# LIN CHIN-WEI 林晉暉

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## PROFESSIONAL SUMMARY

Dedicated EECS student at NTHU with expertise in data processing and machine learning/deep learning techniques. Experienced in algorithms and data structures, with proven experience applying these skills in projects and exams.

## EMPLOYMENT

**Software Engineer Intern**      **Delta Electronics, Inc.**      **2024.07 ~ Present ~ 2024.12**

- Automated and maintained SAP data extraction and processing scripts to optimize internal workflows and improve data accuracy.
- Utilized **Python** and **SAP-specific tools** for scripting, **Conda** for managing environments, integrated with existing workflows to support seamless data handling.

**Full-stack Developer, Co Foudner**      **NTHU Garage, Sport JioJio**      **2023.09 ~ 2024.07**

- Co-developed a web application providing comprehensive online services and a user-centric platform.
- Led the development using **React.js** for the front-end, ensuring an interactive and responsive user experience. Implemented a robust backend with **PostgreSQL**, optimizing data management and retrieval.
- Managed deployment and hosting with **Digital Ocean**, ensuring platform reliability and performance.

## EDUCATION

**Hsingchu, Taiwan**      **National Tsing-Hua University**      **2021.09 ~ Present**

- B.S. in Electrical Engineering and Computer Science(EECS)

## PROJECT

### Decoding MEG Brain Waves: A Comparative Analysis of ML Model Performance

**Insturctor - Shan-Hung Wu 吳尚鴻**      **NTHU Datalab**      **2024.01 ~ Present**

- Explored the comparative performance of various machine learning models in decoding magnetoencephalography (MEG) brain wave data, provideing insights into model selection for neural decoding tasks.

## ADDITIONAL EXPERIENCE AND AWARDS

- Rank: 67/2638(2.5%), Professional Level**, Collegiate Programming Exam(CPE)
- Merit Award 優選**, 112年青年創新創業培育計畫-青春 靚點子學生創業挑戰賽

## CLUBS

- NTHU Google Developer Student Club(GDSC)
- NTHU Garage
- NTHU Blockchain Club

## SKILLS

- Python, C/C++, JavaScript, TypeScript, Verilog, SQL
- Pytorch, Tensorflow
- Git, Conda, Docker, Linux/Unix

## LANGUAGE CERTIFICATE

- TOFEL**: 79(Best Scores: 85), B2 Level