



## Contact

### Phone

0908-420-503

### Email

b10902138@csie.ntu.edu.tw

### Location

Taipei City, Taiwan

## Education

2022~2024 (Currently)

### Computer Science, B.S.

 National Taiwan University / NTU

 Overall GPA : 4.2

2021~2022

### Computer Science, B.S.

 National TsingHua University / NTHU

 Overall GPA : 4.3

## Hard Skills

- C/C++, Python
- HTML5, CSS, JavaScript
- React.js, Node.js, Express.js
- ML/DL/NLP (basics)
- Git
- Arduino

## Soft Skills

- Communication
- Teamwork
- Time Management
- Critical Thinking
- Adaptability

# TE-WEI CHEN

I am currently a junior majoring in Computer Science at National Taiwan University. I received the *Presidential Award* in both semesters of 2021. I am a collaborative and optimistic person who believes communication plays a key role in teamwork and has the ability to adapt to new environments seamlessly. I am confident in utilizing my knowledge and skills to complete various types of tasks and looking forward to improving myself.

## Projects

### 2023 Winter ShotGMP

 [https://github.com/weiiii0622/112-1\\_ADL\\_Final](https://github.com/weiiii0622/112-1_ADL_Final)

- Final project for "**Applied Deep Learning, Vivian Chen**" in NTU
- Finetuned Llama-2 7b, InstructBLIP and MusicGen to generate a piece of music and a poem from a given image
- Optimized to reasonable model size enough for most people to run with ease

### 2023 Spring Danceability Prediction

 [https://github.com/weiiii0622/111-2\\_HTML\\_Final](https://github.com/weiiii0622/111-2_HTML_Final)

- Final contest for "**Machine Learning, H.T. Lin**" in NTU, overall **Rank 1** out of 80+ teams
- Predict the ground-truth danceability of a music from the given dataset
- Perform ordinal regression with multiple models including CatBoost, XGBoost, LightGBM, etc.

### 2022 Winter - 2023 Spring NTUniverse

 <https://github.com/weiiii0622/NTUniverse>

- Final project for "**Web Programming, Ric Huang**" in NTU, overall **Rank 3** out of 110+ teams
- Simulate student riding a bicycle in the campus of NTU
- Full-stack 3D interactive website based on React-Three engine, Node.js, Apollo GraphQL server with MongoDB

### 2022 Fall MineSweeper

 <https://weiiii0622.github.io/MineSweeper/>

- Online mine sweeper mini-game built in React
- Optimized the BFS algorithm for checking the number of mines for each block.

### 2020 Winter - 2021 Spring Pomodoro Scheduler

 <https://github.com/weiiii0622/scheduler>

- Project for competing in "**International ICT Innovative Services Awards 2020**" and received **top 6**.
- Online task scheduler website using the pomodoro technique
- Helped high-school students to utilize their study time in an efficient way

## Relevant Coursework

Introduction to Computer Programming (A+), Digital Systems Design and Laboratory (A+), Linear Algebra (A-), Discrete Mathematics (A+), Probability (A+), Formal Languages and Automata Theory, Data Structures and Algorithms (A), Algorithm Design and Analysis (A+), Systems Programming (A+), Operating Systems (A), Computer Architecture, Computer Network, Machine Learning (A+), Applied Deep Learning, Web Programming (A+)