



# Hsiang-Ting Huang

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## Education

### **M.S. in Computer Science**

National Taiwan Normal University (2022/09 – 2024/08)

Thesis: An Evaluation of Alghalith's American Option Pricing Formula

Coursework: Algorithms, Computer Architecture, Image Processing, Data Mining, Financial Algorithms

### **B.S. in Computer Science**

National Taiwan Ocean University (2018/09 – 2022/06)

Project: Bikini Bottom Eye Tracking – Trained fish body tracking model using DeepLabCut

## Skills

**Languages:** Python, C/C++, C#, SQL

**Practice:** ASP.NET Core, SQLite, MySQL, PostgreSQL

**Tools:** GitHub Actions (CI/CD), FFmpeg, Git, Linux

## Projects

### **DiaryWebApp – Web-based Journal System**

- Built full CRUD journal management with tagging & image upload
- Tech: ASP.NET 8.0, SQLite, PostgreSQL, GitHub Actions, Render, Docker
- Deployed with CI/CD pipeline, automated testing and deployment

### **VidMerge-GUI – Video & Audio Merging Tool**

- Python GUI tool for merging audio & video with drag-and-drop and trimming support
- Tech: Python, tkinter, FFmpeg
- Reduced manual editing effort; added preview of first 5 seconds

### **Line Chat Log Analyzer**

- Developed Python scripts to analyze Line chat logs, including keyword search and group activity stats