**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