

Chun-Wen Hsueh

(206)535-9680 | hsueh.ch@northeastern.edu | [linkedin.com/in/chun-wen-hsueh](https://www.linkedin.com/in/chun-wen-hsueh)

EDUCATION

Northeastern University (NEU)

Align Master of Science in Computer Science

Seattle, WA

Sep. 2024 – Present

National Taiwan University (NTU)

Bachelor of Science in Math, Bachelor of Arts Economics (Double Major)

Taipei, Taiwan

Sep. 2018 – June 2023

- Last 60 GPA: 3.62/4.3
- Courses Related to Computer Science: Calculus, Linear Algebra, Computer Programming, Algorithm

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Swift, Typescript,

Web Development: React, Tailwind CSS

Developer Tools: Git, Google Firebase, VS Code, Xcode,

EXPERIENCE

Dila: Connect Through Music

Software Engineer

Taipei, Taiwan

May 2024 – July 2024

- Improved Firebase data retrieval processes, resulting in a 20% reduction in server costs
- Resolved lagging issues associated with fetching old messages, improving user experience
- Designed and implemented a user-friendly feedback section, enabling users to provide quick and effortless feedback to improve app functionality

PROJECTS

Personal Website | React, Typescript, Tailwind CSS

Oct. 2024

- Developed a personal website using React for dynamic front-end functionality
- Leveraged a combination of React, Vite and Tailwind CSS to build a visually appealing and technically proficient personal website

Gesture Recognition System | Python, CNN

Nov. 2020

- Developed a rock-paper-scissors game that leverages a webcam to interact with the user and the computer
- Utilized Convolutional Neural Networks (CNNs) to train a model for accurate hand gesture recognition, achieving 70% accuracy in real-time

Car Speed Tracking System | Python, OpenCV

Nov. 2018

- Developed a video analysis application using OpenCV to measure and track the speed of moving cars
- Implemented computer vision techniques to extract and process video frames, enhancing the precision of speed estimation

LEADERSHIP

Minister of Darkroom Section of NTU Photography Club

National Taiwan University

Taipei, Taiwan

Aug. 2021 – Jan. 2022

- Delivered and prepared presentation materials for club lessons
- Maintained and prepared darkroom equipment used by 150+ club members
- Trained committee members how to operate equipment and interact positively with club members