Bao-Hsuan Huang

🎓 M.S. in Computer Science, National Tsing Hua University

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⬛ https://baohsuanhuang.github.io/   in www.linkedin.com/in/baohsuan-huang

Education

National Tsing Hua University   *Hsinchu City, Taiwan*
  M.S. in Computer Science   Sept. 2022 – Jun. 2024

National Tsing Hua University   *Hsinchu City, Taiwan*
  B.S. in Computer Science   Sept. 2018 – Jun. 2022

Keio University   *Tokyo, Japan*
  Exchange Student in Dept. of Science and Technology   Oct. 2023 – Feb. 2024

Skills

Programming   C/C++, Python

Languages   English, Mandarin

Master's Thesis Research

Non-invasive Classification of Alzheimer's Disease using Gait and Facial Features   Sept. 2022– now

Proposed a framework for classifying Alzheimer's Disease using gait and facial features extracted from the video data.

- Four Subtasks: Walking, Sit down and Stand up, Turning, Facial
- Data processing, Model training and evaluating, Model explanation, Subtask analysis

School Projects

Real-time Video Conference System with Machine Learning Methods   Feb. 2021– Feb. 2022

Present a video conference web system with multiple functions between two users.
- Conference image – Instance segmentation, Super resolution
- Conference sound – Speech to Text, Speech Denoising
- Backend data processing – Node.js, Http packet request, WebRTC
- Front-end web design

Other School Projects in Details (Projects Experiences)