

# HSIN-HAO (DANNY) CHIU

National Tsing Hua University  
Department of Electrical Engineering  
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## EDUCATION

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### PhD

National Tsing Hua University  
Department of Electrical Engineering  
Behavioral Informatics and Interaction Computation Lab. (BIIC) 09/2020-

### MS

National Central University  
Department of Electrical Engineering  
Power Electronic and Signal Processing Lab. (PESP) 09/2018-06/2020

### BS

National Chiao Tung University  
Department of Electrical Engineering 06/2013-01/2018

## EXPERIENCE

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National Taiwan University Hospital Hsinchu Branch: Research (01/2021-)

- Building online data labeling platform and developing ML algorithm.
- Collaborating with physicians for respiratory sound classification.

NCU NEXT Talent Cultivation Program – Best Creativity Award (2019)

ShangHai Jiao Tong University Summer Exchange Program (2019)

Intelligent Interactive Platform with Application to Healthcare and Home Care –  
Development of Artificial Intelligence – based Brain Computer Interface (2018-2020)

- Building a BCI motor imagery classification algorithm.
- Building BCI-based motor imagery robotic arm system.

## TEACHING EXPERIENCE

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NTHU EE 366000: Introduction to Digital Signal Processing (2020)

NCU EE 1010-A: Engineering Mathematics – Differential Equation (2019)

NCU EE 1003: Introduction to Computer I (2018)

## TECHNICAL SKILLS

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Python, Matlab, Kaldi, ESPnet, Pytorch, Tensorflow, HTML, Django, Docker, Linux, LabVIEW