

Kuan-Hung Yeh

📧 peterntuph.github.io | b05801047@ntu.edu.tw | +886-956073355

Objective

With generally interested in Biostatistics and Health Data Science, I will pursue MS degree starting in 2021 fall.

Education

National Taiwan University (NTU)

Sep.2016 - Present

B.S. in Public Health, Overall GPA: **3.9/4.3**

- **Program:** Biological Statistics and Infectious Diseases

University of California, Davis (UCD)

Mar.2020 – Jul.2020

- Visiting Student in Global Study Program

Research Experiences

Biostatistics & Bioinformatics lab, NTU, Advisor: Tzu-Pin Lu

Jun.2019 – Feb.2020

Undergraduate Researcher

- Subsidized by **College Student Research Scholarship**, Ministry of Science and Technology.
- Performed 75 % discrimination index (AUCs) by constructing a prognostic model typically for Taiwanese colon cancer patients. [\[Poster Link\]](#)
- Won **Topic Research Poster Award** and published in Taiwan Public Health Joint Annual Conference.

Department of Medical Research, TVGH, Advisor: Tzu-Hung Hsiao

Jun.2019 – Aug.2019

Research Intern

- **Detected susceptibility loci** associated with metabolic syndrome to further assist personalized medicine for subjects with abdominal obesity. [\[Poster Link\]](#)

Institute of Information Science, Academia Sinica, Advisor: Da-Wei Wang

Jun.2018 – Aug.2018

Summer Research Intern and Assistant

- Built **Diagnosis Related Groups on Ophthalmology** by using machine learning algorithms. [\[Github Link\]](#)

Competitions & Awards

2018 TMU x MIT (Sana) HIOT Hackathon

Oct.2018

1st Prize with NT\$80,000 (out of 20 teams) [\[News Link\]](#)

- A hackathon organized by Taipei Medical University and MIT Sana Global Team, Boston.
- Proposed an **ultrasound assisting system** for examination of internal hemorrhage with 93% accuracy rate.

2018 Hack x Heart

Sep.2018

Top 12 teams (out of 60 teams)

- A hackathon organized by Taiwan Heart Foundation and Ministry of Science and Technology.
- Built **an app to increase medication adherence** among patient with acute coronary syndrome.
- Won an **Innovation Award** from Xin Chen Medical Research Foundation and School of Pharmacy, NTU.

Certificates and Honors

- Scholarship of K.P. Chen Preventive Medicine Foundation (Excellent academics students in SPH)
- Certificate of Taiwan Medical Information Manager
- Certificate of Complete CITI program in Biomedical Human Subject Research
- Certificate of volunteer training of 29th Health Services & Dedication Award

Leadership Experiences

Public Health Student Association / Vice president

Aug.2018 – Aug.2019

- Uphold the legitimate rights and interests of students.
- Led student / faculty discussion on ways to enhance their interaction.

Public Health Summer Service Team / Leader of Logistics Section

Oct.2018 – Jul.2019

- Raised total \$10,000 USD from Nonprofit Organizations and Foundations.
- Guided 90 students to advocate health promotion in Tainan for a week.

Public Health Men's Basketball Team / Team Captain

Nov.2017 – Nov.2018

- Led the team to win the championship of 2018 National Public Health Cup.

Skills

Languages Python, R, SAS

Libraries & Tools Tensorflow, Scikit-Learn, Numpy, Beautiful soup, e1071, ggplot2, Git