

# HUANG JEN-TSE

PhD 2020, The Chinese University of Hong Kong

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## Education

- **Peking University** Beijing, P.R.China  
*Undergraduate 2015* 2015.09 - 2019.07
  - Yuanpei College
  - Major in Computer Science and Technology
  - Minor in Economics
  - Supervised by Prof. Jiaying Liu
  - Codes of selected course projects are available at <https://github.com/penguinnnnn>
- **The Chinese University of Hong Kong** Hong Kong SAR, P.R.China  
*PhD 2020* 2020.08 - Current
  - Department of Computer Science and Engineering
  - PhD in Computer Science and Engineering
  - Supervised by Prof. Michael R. Lyu

## Adwards

- **Scholarship for Hong Kong, Macao, Taiwan and Overseas Chinese** 2018  
*Peking University*

## Research Experience

1. (2017.09 - 2018.01) Internship in School of EECS, Peking University
  - Lab: Center for Energy-Efficient Computing and Applications (CECA)
  - Supervised by Guangyu Sun
  - Research Topics: Accelerating networks; Compressing networks;
2. (2018.02 - 2019.06) Internship in Research Dept, SenseTime, Beijing
  - Team: Human Face Analysis and 3D Reconstruction
  - Supervised by Chen Qian and Bolei Zhou
  - Research Topics: Face alignment; Generative algorithms; Model Interpretability;
3. (2018.11 - 2019.07) Internship in School of EECS, Peking University
  - Lab: Spatial and Temporal Restoration, Understanding and Compression Team (STRUCT)
  - Supervised by Jiaying Liu
  - Research Topic: GANs; Image Manipulation;

4. (2020.02 - 2020.07) Research Assistant in CSE, The Chinese University of Hong Kong

- Lab: View Lab
- Supervised by Michael R. Lyu
- Research Topic: Deep Learning Model Interpretability and Robustness; Learning Representations;

5. Fields of interest

- Interpretability, Robustness and Explainability in Deep Learning Models;
- Generative Models and Domain Adaption;

## Publications

1. (Bachelor Thesis) Jen-tse Huang, Jiaying Liu and Bolei Zhou. Understanding and Analysis of Human Face Attributes. In *Peking University Library*, 2019.

## Languages and Skills

1. Languages

- Chinese (Mandarin, Native)
- English (Advanced) with certificates of CET4, CET6 and TOEFL

2. Programming

- Unix Programming, C/C++, python, MATLAB, stata, SQL
- Deep learning frameworks: pytorch (Mostly and Skillfully use), tensorflow, caffe (Seldomly use)