XU Shijian

CONTACT INFORMATION	Email: xsj13260906215@gmail.com shijian.xu@epfl.ch Phone: (+86)13260906215 Homepage: https://shijianxu.github.io

EDUCATION

- **Nanjing University**, Nanjing, China   2014.09 – 2018.06
  B.Sc. in Computer Science and Technology
  National Elite Program

- **École polytechnique fédérale de Lausanne (EPFL)**   2020.09 – Current
  Master in Data Sciences

RESEARCH EXPERIENCE

- VILAB@EPFL, Lausanne, Switzerland   2021.03 – 2021.12
  Evaluation of Self-Supervised Learning   **Website**
  - propose an evaluation standard for measuring the effectiveness of self-supervised pre-training methods for transfer learning

- Tencent PCG, Shanghai, China   2021.07 – 2021.09
  Multi-Label Classification
  - transformer-based multi-label image classification

- Tencent AI Lab, Shenzhen, China   2020.02 – 2020.08
  Self-Supervised Representation Learning
  - self-supervised video classification and image classification

- City University of Hong Kong, HK SAR, China   2018.09 – 2019.12
  Single Image Specular Highlight Removal   **Draft**
  - propose a deep learning model CDFF-Net that can learn discriminative features for specular highlight removal

  Semi-supervised Single Image Heavy Rain Removal   **Report**
  - propose an adversarial learning method for semi-supervised single image heavy rain removal

- Nanjing University, Nanjing, China   2015.09 – 2018.06
  Smartphone App Usage Prediction   **Paper**
  - propose an LSTM based model for app usage prediction and recommendation

PUBLICATION & preprint

- Simple Control Baselines for Evaluating Transfer Learning
  Andrei Atanov*, **Shijian Xu***, Onur Beker, Andrei Filatov, Amir Zamir
  arXiv, 2022
- Predicting Smartphone App Usage with Recurrent Neural Networks
  S. Xu, W. Li, X. Zhang, S. Gao, T. Zhan, Y. Zhao, W.-W. Zhu, T. Sun
  International Conference on Wireless Algorithms, Systems, and Applications, 2018.

AWARDS

- Second Prize of Excellent Bachelor Thesis Award, Nanjing University   2018
- Third Prize of Elite Program Scholarship, Nanjing University   2017
- Honorable Mention for MCM 2017, Nanjing University   2017
- Third Prize of People's Scholarship, Nanjing University   2016
- Second Prize of People's Scholarship, Nanjing University   2015

PERSONAL SKILLS

- Programming Language: C, C++, Python, MATLAB
- Operating System: Windows, Linux