

Xiao Wu | Curriculum Vitae

Wangxuan Institute of Computer Technology, Peking University, Beijing, China
☎ (+86) 133-0672-2692 • ✉ wu.xiao@pku.edu.cn • 📄 adamink.github.io/about

Education

Peking University

B.A., Computer Science, Member of Turing Class

2016-2020

Overall GPA **3.62**/4.00

Research & Projects

Research Intern at University at Buffalo advised by Junsong Yuan

Jul. 2019 - Sep. 2019

Event-Based Human Action Recognition

- Submitted to *WFIOT2020*, first author
- Designed multi-pathway representation for human action videos captured by event camera with deep neural network.

Research Intern at Peking University advised by Jiaying Liu

Mar.2018 - Dec. 2019

Learning to Recognize Human Actions from Noisy Skeleton Data

- Submitted to *CVPR2020*(Under Review), second author
- Handled noise by exploiting view-invariant features of skeleton videos.
- Introduced feature compensation network with adversarial learning.

Low-light Human Action Recognition with RGB and Infrared Data)

Skeleton Based Action Recognition on PKUMMD dataset

Course Projects

Deep Seam-carving for Image Resizing

Jun. 2018

Developed deep-based methods using guided backprop to calculate energy map for seam-carving image resizing algorithm.

A Mini C Compiler

Dec. 2018

Implemented a mini compiler that turns simplified C code to RISC-V assembly by three-address code translating, register allocation and data-flow analysis.

An Online Tetris Game

Jun. 2018

Implemented an antagonistic Tetris Game that supports online chatting with GUI using MVC framework in Java as the team leader.

A Game AI of Ataxx

Dec. 2016

Implemented a game AI for board game Ataxx using deep search and alpha-beta pruning in C++.

Awards & Honor

Mount Everest Scholarship(school-level scholarship)

Nov. 2018

Third Prize at ACM-ICPC (school-level competition)

Jun. 2017

Skills

Programming Languages: Python(PyTorch), C/C++, Java, Shell, Matlab, LaTeX

English:

- TOEFL iBT Score: 110/120
- GRE Score: Verbal Reasoning 160/170, Quantitative Reasoning 170/170, Analytical Writing 4.0/6.0