

# Xiao Wu | Curriculum Vitae

Institute of Computer Science and Technology – Peking University, Beijing, China  
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## Education

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### Peking University

Major in Computer Science

2016–2019

Member of Turing Class

School of Electronic Engineering and Computer Science(EECS)

Graduation June 2020

Overall GPA **3.61**/4.00

### Selected Courses

- Theories, Models and Methods of Computational Vision: 93/100
- Discrete Mathematics and Structures (I)(II): 99/100
- Mathematics in Information Science: 96/100
- Practice of Data Structure and Algorithm: 91.5/100

## Research & Projects

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### Research Intern at Institute of Computer Science and Technology(ICST), Peking University

Advisor: Prof. Jiaying Liu

Since Mar.2018

- **Low-light Human Action Recognition with RGB and Infrared Data(Ongoing)**
- **Learning to Recognize Human Actions from Noisy Skeleton Data**
  - Cooperated with senior students.
  - Handled noise by exploiting view-invariant features of skeleton videos.
  - Introducing feature compensation network with adversarial learning.
- **Skeleton Based Action Recognition on PKUMMD**

### 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

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Mount Everest Scholarship(school-level scholarship)

Nov. 2018

Member of Turing Class

Since Sep. 2017

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

Jun. 2017

## Skills

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**Programming Languages:** C/C++, Python, Java, Latex

**English:**

- TOEFL iBT Score: 110/120
- GRE Score: Verbal Reasoning 158/170, Quantitative Reasoning 170/170, Analytical Writing 3.0/6.0