

# Haoyun Lei

654F, Mellon Institute, Carnegie Mellon University, Pittsburgh, PA, 15213

Email: [haoyunl@andrew.cmu.edu](mailto:haoyunl@andrew.cmu.edu)

## Research Experience

### *Research Assistant*

May 2017 — present

Computational Biology Department, School of Computer Science,  
Carnegie Mellon University, Pittsburgh, PA, USA

**Advisor:** Prof. Russell Schwartz

- Designing an algorithm to accurately reconstruct copy number variants of gene in single cell from bulk tumor data

### *Visiting Research Scholar*

Sep 2012 — Nov 2015

Life Sciences Institute

University of Michigan, Ann Arbor, MI, USA

**Supervisor:** Prof. X. Z. Shawn Xu

- Investigated the mechanism of motor neuron decay in the nervous system of aging *Caenorhabditis elegans*.

## Education

### **Ph.D. in Computational Biology**

Aug 2016 — May 2021

Computational Biology Department, School of Computer Science

Carnegie Mellon University, Pittsburgh, PA, USA

(expected)

### **B.S. in Biological Science**

Sep 2008 — Jun 2012

College of Life Science and Technology

Huazhong University of Science and Technology (HUST), Wuhan, China

## Honors and Awards

Outstanding Graduate, HUST

2012

(National) People's Scholarship for Art and Sport Outstanding, HUST

2010, 2009

First Prize of China Biology Olympiad, Hunan, China

2008