

Haoyun Lei

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

Email: haoyunl@andrew.cmu.edu

Website: leovam.github.io

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 in bulk tumor data assisted by limited single-cell 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
(expected)

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

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