

Haoyun Lei

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Education

Ph.D. in Computational Biology

Aug 2016 — May 2021
(expected)

Computational Biology Department, School of Computer Science

Carnegie Mellon University (CMU), 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

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*.

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