Haoyun Lei

654F, Mellon Institute, Carnegie Mellon University, Pittsburgh, PA, 15213 Email: [haoyunl@andrew.cmu.edu](mailto:haoyunl@andrew.cmu.edu) Website: [leovam.github.io](https://leovam.github.io/)

# Research Experience

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| ***Research Assistant***  Computational Biology Department, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, USA | May 2017 — present |
| **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***Life Sciences Institute | Sep 2012 — Nov 2015 |
| 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

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| **Ph.D. in Computational Biology** Computational Biology Department, School of Computer Science **Carnegie Mellon University, Pittsburgh, PA, USA** | Aug 2016 — May 2021 (expected) |
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| **B.S. in Biological Science**College of Life Science and Technology**Huazhong University of Science and Technology (HUST), Wuhan, China** | Sep 2008 — Jun 2012 |

# Honors and Awards

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| **Outstanding Graduate, HUST** | 2012 |
| **(National) People’s Scholarship for Art and Sport Outstanding, HUST** | 2010, 2009 |
| **First Prize of China Biology Olymiad, Hunan, China** | 2008 |