

EDUCATION	<p>School of Software, Tsinghua University Beijing, China <i>MSE in Software Engineering</i> 2022 - 2025 (<i>expected</i>)</p> <ul style="list-style-type: none">GPA: 3.73/4.00Research area: Systems, Cybersecurity <p>College of Computer Science and Hongshen Honors School, Chongqing University Chongqing, China <i>B.E. in Computer Science and Technology</i> 2018 - 2022</p> <ul style="list-style-type: none">GPA: 3.9/4.0, Weighted Average Mark: 91.64, Ranking: 1/27
PUBLICATIONS	<p>1. Changhua Chen, Tingzhen Yan, Chenxuan Shi, Hao Xi, Zhirui Fan, Hai Wan, and Xibin Zhao. The Last Mile of Attack Investigation: Audit Log Analysis towards Software Vulnerability Location. <i>IEEE Transactions on Information Forensics & Security</i>, 2024.</p>
INTERNSHIPS	<p>Meituan Beijing, China 2024.05 - 2024.08</p> <ul style="list-style-type: none">Designed an in-place update scheme for the real-time inverted index in the storage engine.Implemented query downgrading by truncating recall in the Query Engine.Refined storage engine monitoring and implemented memory tracking for various tables. <p>Byte Dance Beijing, China 2021.10 - 2022.01</p> <ul style="list-style-type: none">Reconstructed batch task logic to optimize feature calculation by minimizing invalid traversal during aggregation and optimizing sorting when truncating results.Migrated the feature calculation tasks from Dorado to the team's self-developed platform.
PROJECTS	<p>C language compiler design</p> <p>I implemented a C language compiler that supports a subset of the C language, generates runnable mips assembly code, and supports error detection. 2021.05 - 2021.06</p> <p>MIPS CPU design</p> <p>A five-stage pipeline CPU was completed, which supports 57 instructions and exception processing. 2021.01 - 2021.02</p>
AWARDS AND HONORS	<ul style="list-style-type: none">Friends of Tsinghua-Glodon Technology Research Scholarship, Tsinghua University 2023Chinese Academy of Sciences Undergraduate Scholarship, Chinese Academy of Sciences 2020Yan Jici Class Scholarship, Chinese Academy of Sciences, 2020Chongqing University Comprehensive Scholarship*4, Chongqing University 2020Chongqing University Excellent Student, Chongqing University 2020The second prize of Mathematics competition of Chinese College Students, The Chinese Mathematical Society 2019The first prize of Chongqing University Mathematics Competition, Chongqing University 2019
SKILLS	<p>Languages: Chinese, English.</p> <p>Programming: C/C++, python, java, assembly, gcc, make, gdb, git, Spark.</p>