

Zhuohang (Stephen) Shen

Department of Computer Science, Cornell University
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Research Interests

Runtime Verification, Program Analysis, Software Testing, Software Engineering

Education

Cornell University, Ithaca, NY, United States May 2025 – Present

Ph.D. in Computer Science

Advisor: Prof. Owolabi Legunsen

Cornell Tech (Cornell University), New York, NY, United States Aug 2024 – May 2025

M.S. in Information Systems (Connective Media)

Transitioned to Ph.D. in Computer Science (program not completed)

The University of Edinburgh, Edinburgh, Scotland Sep 2020 – May 2024

B.Eng. (Hons) in Electronics and Computer Science

Publications

1. **Zhuohang Shen**, Mohammed Yaseen, Kevin Guan, Denini Silva, Marcelo d'Amorim, and Owolabi Legunsen. *PyMOP: A Runtime Verification Tool for Python*. The 34th ACM International Conference on the Foundations of Software Engineering, Demonstrations Track (FSE Demo 2026), pages: to appear, Montreal, Canada, July 2026.

Experience

Graduate Research Assistant May – Aug 2025

Cornell University

Software Engineering Intern Jun – Jul 2023

Oxford Suzhou Centre for Advanced Research, China

Undergraduate Research Assistant May 2023 – May 2024

UIUC++ Summer Research in Software Engineering

Teaching

Teaching Assistant Jan – May 2026

CS 5150: Software Engineering (92 students)

Cornell University

Teaching Assistant Aug – Dec 2025

CS 5154: Software Testing (85 students)

Cornell University

Graduate Course Grader Jan – May 2025

ECE 6760: Advanced Memory Technologies and Memory-Centric Computing (15 students)

Cornell Tech (Cornell University)

Lab Demonstrator

Jan – May 2024

ELEE08022: Software and Embedded Systems Laboratory (30 students)

The University of Edinburgh

Skills

Programming: Python, Java, C/C++, OCaml, SQL, Assembly (RISC-V, MIPS), SystemVerilog

Frameworks: Pytest, JUnit, Maven, SootUp, Matplotlib, NumPy, Pandas, PyTorch, Sklearn

Software & Tools: Bash, Vim, Git, LaTeX, AWS, Tableau, Altium Designer, Cadence EDA Tools

Languages: English (fluent), Mandarin (native)