

Zichao Zhang

Phone: (929) 398-1879
E-mail: zhangzichao96@gmail.com
Website: <https://zzichao.github.io>

RESEARCH INTERESTS

Programming language and software security

EDUCATION

2015 – 2018 **The Pennsylvania State University** University Park, PA
B.S. in Computer Engineering with University Honors, December 2018
GPA: 3.98 / 4.0

- Relevant Coursework: Programming Languages Concepts, Computer and Network Security, Data Structures and Algorithms, Operating Systems, Computer Architecture, Microprocessors and Embedded Systems, Computer Vision

RESEARCH EXPERIENCE

August 2017 – Present **Laboratory of Prof. Danfeng Zhang** University Park, PA
Research Assistant - Penn State Department of Computer Science and Engineering
Exploring general and precise methods to localize information flow errors based on Bayesian reasoning

- Write automatic programs to evaluate the framework
- Design path finding algorithm for Context Free Language reachability
- Improve the performance of the state-of-the-art

TEACHING ASSISTANT EXPERIENCE

Fall 2018 CMPEN472: Microprocessors and Embedded Systems The Pennsylvania State University

- Held 3 hours weekly office hour
- Grade programming projects in Assembly

SKILLS

Have recent experience with OCaml and Scheme; Have some experience with C/C++, Java, Python, Perl, MATLAB, Verilog and Assembly

AWARDS AND HONORS

Spring 2018 REU Scholarship
Spring 2017 Evan Pugh Scholar Award
Spring 2016 President's Freshman Award
2016 – 2018 Penn State Schreyer Honors College
2015 – 2018 Dean's List