VASCO XU

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EDUCATION

University of Chicago 2021 - 2026 (Expected)

Ph.D (& M.S) in Computer Science

Advisors: Dr. Hank Hoffmann & Dr. Karan Ahuja

University of Pittsburgh 2016 - 2020

B.Phil (& B.S) in Computer Science

Advisor: Dr. Sherif Khattab

Honors Thesis: "MAZE: A Secure Cloud Storage Service Using Moving Target Defense and Secure Shell Protocol (SSH) Tunneling"

PUBLICATIONS

[3] **Vasco Xu** and Ken Nakagaki. "Xs: Interactive Scissor Mechanisms as Portable and Customizable Shape-Changing Interfaces". In: *Proceedings of the Seventeenth International Conference on Tangible, Embedded, and Embodied Interaction*. 2023, pp. 1–10.

[2] **Vasco Xu**, Liam White McShane, and Daniel Mossé. "LUSH: Lightweight Framework For User-Level Scheduling in Heterogeneous Multicores". In: *2021 IEEE 14th International Symposium on Embedded Multicore/Many-core Systems-on-Chip (MCSoC)*. IEEE. 2021, pp. 396–404.

[1] **Vasco Xu**. "MAZE: A Secure Cloud Storage Service Using Moving Target Defense and Secure Shell Protocol (SSH) Tunneling". University of Pittsburgh, 2020.

PRESENTATIONS AND EXHIBITIONS

3. **[Chicago South Side Science Festival]** "Xs Sculpture", 2023

2. **[Ars Electronica]** "Xs Sculpture", 2023

1. **[Symposium on the Science of Security (HotSoS)]** "MAZE: A Secure Cloud Storage Service Using Moving Target Defense and Secure Shell Protocol (SSH) Tunneling", 2021

PROFESSIONAL EXPERIENCE

Immunetrics Aug. 2019 - Dec. 2019

Software Support Engineer

- Worked on developing a web application (in Angular 5 and Django) for Thales, a platform for building predictive computer models based on biological influences.

SELECTED HONORS AND AWARDS

McCormick Fellowship, University of Chicago	2021
Honorable Mention for Outstanding Undergraduate Researcher, Computing Research Association (CRA)	2021
Bachelor of Philosophy Degree (highest undergraduate distinction), University of Pittsburgh	2021
Chancellor's Undergraduate Research Fellowship, University of Pittsburgh	2020
Seed Scholar Grant, University of Pittsburgh	2020
Dietrich School Scholarship, University of Pittsburgh	2017

TEACHING EXPERIENCE

- **Undergraduate Teaching Assistant**, Introduction to Programming with Java   2019
  University of Pittsburgh