

David Inyangson, Ph.D. – Curriculum Vitae

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🌐 <https://davidiny.github.io>

Employment History

- 2026 📌 **Postdoctoral Researcher**, City College of New York
- 2022 📌 **Ph.D. Student**, Johns Hopkins University
- 📌 **Security Researcher**, Adobe Inc.
- 2021 📌 **Security Intern**, Adobe Inc.
- 2020 📌 **Computer Scientist Intern**, Adobe Inc.
- 2019 📌 **Mobile Release Engineer Intern**, Nike Inc.
- 2018 📌 **Cybersecurity Intern**, USAA

Education

- 2022 – 2026 📌 **Ph.D., Computer Science**, Johns Hopkins University.
Thesis title: *Decentralized by Design*
- 2020 – 2021 📌 **M.Sc., Information Technology - Information Security**, Carnegie Mellon University
- 2016 – 2020 📌 **B.S., Information Systems**, Carnegie Mellon University

Research Publications

Conference Proceedings

- 1 📌 **D. Inyangson**, A. Gaur, A. Almogbil, T. M. Jois, and A. D. Rubin, “Sok: Security in the inaudible world,” ser. WiSec 2025, Arlington, VA, USA: Association for Computing Machinery, 2025, pp. 211–223, ISBN: 9798400715303. 🔗 DOI: [10.1145/3734477.3734715](https://doi.org/10.1145/3734477.3734715).
- 2 📌 **D. Inyangson**, S. Radway, T. M. Jois, N. Fazio, and J. Mickens, “Amigo: Secure group mesh messaging in realistic protest settings,” in *Proceedings of the 2025 ACM SIGSAC Conference on Computer and Communications Security*, ser. CCS '25, Taipei, Taiwan: Association for Computing Machinery, 2025, pp. 4244–4258, ISBN: 9798400715259. 🔗 DOI: [10.1145/3719027.3765133](https://doi.org/10.1145/3719027.3765133).
- 3 📌 R. Mangar, C. Arguello, **D. Inyangson**, T. Pavlovich, K. Gareis, and T. M. Jois, “Engaging students from under-represented groups to pursue graduate school in computer science and engineering,” in *Proceedings of the 56th ACM Technical Symposium on Computer Science Education V. 1*, ser. SIGCSETS 2025, Pittsburgh, PA, USA: Association for Computing Machinery, 2025, pp. 742–748, ISBN: 9798400705311. 🔗 DOI: [10.1145/3641554.3701956](https://doi.org/10.1145/3641554.3701956).
- 4 📌 A. R. Krzyżañska, **D. Inyangson**, and T. M. Jois, “Towards a more secure, private smart home by eliminating the central hub,” in *2024 IEEE MIT Undergraduate Research Technology Conference (URTC)*, 2024, pp. 1–5. 🔗 DOI: [10.1109/URTC65039.2024.10937572](https://doi.org/10.1109/URTC65039.2024.10937572).

Manuscripts

Preprints

- 1 📌 **D. Inyangson** et al., *ThriftyMPC: Reducing the cost of large-scale MPC in the cloud*, Cryptology ePrint Archive, Paper 2026/977, 2026. 🔗 URL: <https://eprint.iacr.org/2026/977>.

Venues & Talks

- 2026  **Talk: Zero Knowledge Proofs**, Cryptolets Tutorial at ISCA 2026
- 2025  **Venue: IACR Real World Crypto 2025**, Mesh Messaging for Large-Scale Protests: Cryptography Alone Won't Save Us

Artifacts

- 2025  **Lay summary blog post for “Amigo: Secure Group Mesh Messaging in Realistic Protest Settings”**. Inyangson, David and Tushar M. Jois. Available [here](#).
-  **Code and benchmark artifacts for “Amigo: Secure Group Mesh Messaging in Realistic Protest Settings”**. Inyangson, David, Sarah Radway, and Tushar M. Jois. Available [here](#).

Teaching Experience

- 2025  **Guest Lecturer**, Secure Systems Engineering, City College of New York
- 2024  **Teaching Assistant**, Security and Privacy, Johns Hopkins University
- 2019  **Teaching Assistant - Special Topics: Information Assurance and Security**, Carnegie Mellon University

Awards & Fellowships

- 2021  **National GEM Doctoral Fellowship, 2021**, GEM Consortium
- 2019  **National GEM Masters Fellowship, 2020**, GEM Consortium

Service

- 2026  **Program Committee Member**, IEEE Symposium on Security and Privacy 2027 (S&P'27)
- 2025  **External Reviewer**, Proceedings of the 2025 ACM SIGSAC Conference on Computer and Communications Security (CCS'25)
-  **External Reviewer**, IEEE Symposium on Security and Privacy 2025 (S&P'25)
- 2024  **External Reviewer**, IEEE Symposium on Security and Privacy 2024 (S&P'24)
-  **UR2PHD Computing Research Association Mentor**, Summer 2024
-  **Broadening Participation in Computing Workshop**, (SPLICE BPC'24, New York)
- 2022  **Coding Tutor**, LogNCoding