

Steven B. R. Seiden

stevenrsei@gmail.com | (225) 361-9863 | Baton Rouge, Louisiana
[linkedin.com/in/steven-seiden/](https://www.linkedin.com/in/steven-seiden/) | [sseiden.com/](https://www.sseiden.com/) | github.com/StevenSeiden

EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

May 2024

Roger Hadfield Ogden Honors College

Cumulative GPA: 3.92

- B.S., Computer Science, Concentration in Cybersecurity
- **Notable Coursework:** Reverse Engineering and Malware Analysis, Software Exploitation, Operating Systems
- **Awards:** ICDF2C 2023: Best Paper Award, LSU Distinguished Researcher Candidate, Fall 2023 President's Honor Roll, Spring 2022-Spring 2023 Dean's List, 2022 Sophomore Honors Distinction, 2020 ISC² Scholarship Recipient

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, MATLAB, LaTeX, JavaScript, Node.js, Swift, C#
- **Tools:** IDA Pro, Ghidra, Git, GitHub, Bash, Gdb, VMware, CLion, IntelliJ IDEA, WebStorm, XCode, Figma, Sketch
- **Communication:** Agile/Scrum, Slack, Trello, ClickUp, Beginner Level Chinese (Mandarin)

PUBLICATIONS AND CONFERENCE SUBMISSIONS

S. Seiden, I. Baggili, and A. I. Ali-Gombe, 'I've Got You, Under My Skin: Biohacking Augmentation Implant Forensics', in *Digital Forensics and Cyber Crime*, New York, NY, USA. (**Best Paper Award**)

N. Soares, S. Seiden, I. Baggili, and A. Webb, 'On the Application of Synthetic Media to Penetration Testing', in *Proceedings of the 2nd Workshop on Security Implications of Deepfakes and Cheapfakes*, Melbourne, VIC, Australia, 2023, pp. 1–10.

S. Seiden, L. Huang, and C. Wang, 'Poster: Snooping Online Form Choice Privacy in Video Calls', *Poster Presentation in the 2023 IEEE Symposium on Security and Privacy*, San Francisco, CA, USA.

PROFESSIONAL EXPERIENCE

Research Scholar

August 2022 – Present

LSU – Baggili Truth (BiT) Lab

Baton Rouge, LA

- Drafted my Ogden Honors College senior thesis on analyzing malicious iOS applications
- Systemized the methodology to perform a live iOS application analysis using Apple Silicon computers
- Conducted a forensics analysis of subdermal NFC/RFID implants
- Surveyed the impact of 56 synthetic media tools on computer security

Research Scholar

May 2021 – Present

LSU – Mobile Internet and SecuriTy (MIST) lab

Baton Rouge, LA

- Conducted research exploring the privacy risks of using webcams during web conference calls
- Collected participants' eye gaze location data with Google's Mediapipe under IRB approval
- Extracted important features from data sets using supervised machine learning

Research Scholar

May 2023 – July 2023

Rice University - Under Dr. Eugene Ng

Houston, TX

- Performed research in the Google-funded Computer and Data Science REU
- Developed a security threat model for the distributed network congestion control algorithm *Poseidon*
- Designed and implemented threat countermeasures and evaluated their effectiveness in a network simulation

ACTIVITIES

LSU Society of Peer Mentors – Points Secretary

February 2023 – Present

- Maintained accurate records of 141 undergraduate student mentors' involvement in K-12 outreach activities
- Small Group Leader for LSU's *Geaux Engineering*, the annual *Leadership Workshop*, monthly meetings, etc.

LSU Research Ambassador – Events and Programming Committee Member

August 2022 – Present

- Planned panels and lowerclassmen outreach events, moderated these events and recruited volunteers
- Helped to run the 2022 and 2023 *LSU Discover Day* Research Symposiums