

Steven Seiden

Baton Rouge, Louisiana 70808

<https://www.linkedin.com/in/steven-seiden/> | <https://www.sseiden.com/> | <https://github.com/StevenSeiden>

EDUCATION

Louisiana State University (LSU), Baton Rouge, LA

May 2024

Roger Hadfield Ogden Honors College

Cumulative GPA: 3.85

- B.S, Computer Science, concentration in Cybersecurity
- **Notable Coursework:** Reverse Engineering and Malware Analysis, Operating Systems, Computer Organization
- **Awards:** 2022 Sophomore Honors Distinction, Distinguished Researcher Candidate, 2020 ISC² Scholarship Recipient

TECHNICAL SKILLS

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

PUBLICATIONS AND CONFERENCE SUBMISSIONS

I've Got You, Under My Skin: Biohacking Augmentation Implant Forensics

In Submission to ICDF2C

On the Application of Synthetic Media to Penetration Testing

ACM WDC 2023: Workshop on Security Implications of Deepfakes and Cheapfakes

Poster: Snooping Online Form Choice Privacy in Video Calls

Poster Presentation in the 2023 IEEE Symposium on Security and Privacy

PROFESSIONAL EXPERIENCE

Research Scholar

August 2022 – Present

LSU – Baggili Truth (BiT) Lab

Baton Rouge, LA

- Drafting my Ogden Honors College senior thesis on iOS application security
- Performing iOS application live analysis using Apple Silicon computers
- Conducted a forensics analysis of subdermal NFC/RFID implants
- Studied the impact of synthetic media 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
- 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*, helping incoming freshmen transition to a college environment
- Organize monthly meetings, the annual *Leadership Workshop*, 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