Liam Kandel

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EDUCATION

Florida State University | Tallahassee, FL   **December 2026**

Computer Science, B.S.

GPA: 4.0

- **Undergraduate Coursework:** 3 semesters of C++, Data Structures & Algorithms (DSA), Operating Systems, Concurrent Parallel and Distributed Programming, Full Stack App Development in C#, Physics 1/2.
- **Graduate Coursework:** Computer Security, Advanced Algorithms, Programming Secure, Parallel, and Distributed Applications.

TECHNICAL SKILLS

Languages: Python, C++, SQL, Javascript

Concepts & Tools: Databases (SQL), Backend Services, Data Processing Pipelines, Git, Linux, Virtual Machines, Lynis, Digital Ocean, OpenMP

PROJECTS

Tallahassee Police Incident Tracker

- Built a real-time crime analytics platform ingesting live and historical TOPS data into a SQL database, enabling trend analysis by time and location
- Designed automated data pipelines and interactive dashboards using Python and Streamlit
- *Python, Streamlit, SQL, Public APIs*

FSU Rate My Professor Lookup Tool

- Built and published a Chrome extension that enables users to right-click a professor's name on any website and instantly view key RateMyProfessors data (rating, difficulty, recent reviews) in a dynamic pop-up. Designed for FSU students, the tool streamlines course planning by eliminating the need to switch tabs or manually search. Publicly available on the Chrome Web Store.
- *Javascript, HTML, CSS*

WORK EXPERIENCE

Research Assistant | Trustworthy Machines & Learning Lab   **Jan 2026 - Present**

- Assisting faculty-led research on bit-flip attacks in large language models, focusing on experimental analysis and evaluation

Teaching Assistant | FSU   **August 2025 - Present**

- Teaching Assistant for COP 3363 (Introduction to Programming): supported instruction in C++ and Unix fundamentals, assisted students with debugging, programming assignments, and conceptual understanding during labs and office hours, and reinforced core topics including control flow, memory basics, and command-line workflows.

EXTRACURRICULARS

NextEra Energy Hackathon   **Fall 2025**

- Collaborated in a 24-hour industry hackathon with NextEra Energy to design StormSupply, a web application that optimizes procurement and logistics for utility restoration crews during weather emergencies, improving cost efficiency and response time.

ACM Programming Contest   **Fall 2023 - Present**

- Participated in semesterly programming contests hosted by Association for Computing Machinery

HONORS

- President's List for 6 semesters straight for maintaing a 4.0 GPA
- Hall Family Endowment Scholarship for academic excellence