# Lincoln L. Ledet

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## Education

**The University of Georgia**                                      Bachelor of Science in Computer Science
**Awards:** Zell Miller Scholarship Award                                      Expected Graduation: May 2025

**Languages & Frameworks:** Java, C, JavaScript (Node.js, React, Express), Python (Django), SQL
**Tools & Technologies:** Docker, Git, REST APIs, Splunk, SOAR, PyTorch

## Work Experience

- ***Cybersecurity Student Worker***        ***University of Georgia***        *Aug 2023 – Present*
  - Monitored and responded to 100+ threat alerts using Splunk and TeamDynamic, improving ticket resolution time by 20%.
  - Aided in the parsing and collecting of IP logs and valid MAC addresses using Python.
  - Identified and secured compromised accounts, educating faculty on good security protocols.
- ***Applied Researcher***        ***University of Georgia***        *Feb 2025 – Present*
  - Collaborated with veterinary students to develop a mobile app integrated with a Bluetooth sensor for monitoring animal data and location.
  - Developed with React Native to interface with a Bluetooth device for monitoring animal temperature and location.
  - Selected as 1 of 3 students to work directly with the Principal Lecturer and Associate Director of Computer Science.
- ***Botany Technician***        ***The Watershed Center***        *May 2024 – Aug 2024*
  - Cataloged and removed remote populations of invasive plants for a nonprofit in northern California.
  - Used ArcGIS, Field Maps, and additional U.S. Forestry Service data to find and assess invasive populations.

## Projects

- ***The-Sensationalist.xyz***
  - Created a full-stack publication and music promotion website.
  - Deployed on a self-hosted Ubuntu Linux server.
  - Created custom dashboards and content upload systems for site admins.
  - Collaborated with a team of 10 writers, photographers and artists.
- ***PythonGuitarPedal (Hackathon)***
  - Designed and built custom digital guitar effects software using Python.
  - Implemented optimal signal processing techniques to minimize latency.
  - Created a signal visualizer to be used as a music production educational tool.
  - Configured and modified audio drivers to achieve effective processing.
- ***Sentiment Analysis Stock Predictor***
  - Developed a sentiment analysis model to assess financial news impact on stock price.
  - Achieved a 70% correlation between sentiment scores and stock performance.
  - Utilized Hugging Face libraries and additional machine learning techniques.

## Activities

- UGA Hacks 10                                                                                                    2025
- UGA Hacks 9                                                                                                     2024
- Multi-Instrumentalist