

NATHANIEL LYBRAND

nlybrand@email.sc.edu | (803) 932-8009 | Website: savorsauc3.github.io

EDUCATION

University of South Carolina; Columbia, SC

Bachelor of Science in Integrated Information Technology; May 2026

Overall GPA: 4.0, President's List: 1 Semester

RELEVANT COURSEWORK

Computer Hardware and Software
Cybersecurity Operations
Introduction to Databases
Calculus for Business
Thriving in the Tech Age
Intro. To Computer Science

RELATED TECHNICAL SKILLS

- C | C# | C++
- Unity Game Engine | Godot Game Engine
- Python
- JavaScript
- React Web Development
- JavaScript | Vue Development
- HTML | CSS | Web Development
- Docker
- Linux

RELATED SOFT SKILLS

- Problem Solving
- Technical Communication
- Teamwork Communication
- Interpersonal Communication

RELATED TECHNICAL EXPERIENCE

- Developed a full stack web application using React and Fast API to communicate with the YouTube Data API, and retrieve videos based on search parameters. Containerized using Docker.
- Developed a Web Scrape using the Python Scrapy package, to output web data into a CSV file. Maintains persistence using headless HTTPS requests.
- Developed a Conditional GAN (Generative Adversarial Network) to colorize black and white images using the PyTorch Deep Learning Framework.
- Competed in the "Optiver – Trading at the Close" Data Science Competition to predict stock prices in the S&P 500.

