

LUKE SUTOR

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EDUCATION

University of Florida – Gainesville, FL Graduated Dec 2025

Bachelor of Science in Computer Science; Minor in Statistics; Gartner Group Scholarship

GPA 3.97 / 4.0

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Algorithm Abstraction and Design, Database Systems, Software Engineering, Natural Language Processing, Computer Network Fundamentals
- **Leadership:** Co-Founder/President – Gator Cloud Computing; Director of Research – AI Club

EXPERIENCE

Palantir Technologies Inc. New York, NY

Forward Deployed Engineer

Feb 2026

- Incoming Forward Deployed Engineer

MathWorks Inc. Boston, MA

Software Engineer Intern

May 2025 – Aug 2025

- Built an **MCP** server for the **MATLAB Package Manager** to automate product installation in development environments
- Designed and implemented **data-driven C++** features for the **MATLAB Package Manager** to support package uploads and installations from external repositories, supporting all 120+ MathWorks products and improving CI/CD pipelines

Gaming Analytics Inc. San Francisco, CA

Software Engineer Intern

May 2024 – Mar 2025

- Used **AWS** to deploy a plaintext-to-database query pipeline for use by some of the largest casinos in America
- Optimized the pipeline by training **HuggingFace** transformer models on **SageMaker**, reducing query translation time by 52% and increasing accuracy by 21%

William Ryan Group Remote

Software Engineer Intern

Jun 2023 – Aug 2023

- Developed a data analysis system for evaluating employee response times across customer tier levels
- Created real-time, filterable visualizations with **Python**, **VBA**, and **Excel**, providing managers with actionable performance insights 73% faster

SciTeens Inc. West Palm Beach, FL

Full-Stack Engineer Intern (Volunteer)

Sep 2021 – Jan 2022

- Nonprofit STEM platform offering free mentorship and data science courses to over 800 students
- Created a modernized website using **Next.js** and **Firebase**, resulting in a 45% increase in the user base

SELECTED PROJECTS

Programmatic Pitch – Diffusion-Based Music Synthesis

- Adapted and trained a denoising diffusion model in **PyTorch** to generate Mel Spectrograms of LoFi beats
- Presented at the University of Florida's 2024 Spring Undergraduate Research Symposium and published findings in the October 2024 edition of the University of Florida Journal of Undergraduate Research

Semantic Search – GPT-Powered Question Answering Extension

- Chrome Web Store extension with 300+ users that analyzes text from websites for question answering
- Developed a **React** frontend with a **Cloudflare Worker** backend, powered by OpenAI's GPT-5 model

AWARDS

UF Artificial Intelligence Scholars Program (2023 & 2024 Award Recipient)

Apr 2023 – Present

- Competitive research program sponsored by the UF Center for Undergraduate Research and UF AI² Center
- Applied funds from the UF-FAMU NSF grant (\$5,250) and resources from the University of Florida's HiPerGator AI Supercomputer to perform deep learning research under the mentorship of Professor Amelia Winger-Bearskin

SKILLS

Programming Languages: Python, C++, JavaScript, Java, HTML, CSS

Skills & Frameworks: AWS, PyTorch, HuggingFace, Git, React, Next.js