

# Saaketh Kesireddy

Gainesville, FL 32611 | 517-897-8524 | skesireddy@ufl.edu | LinkedIn: [/in/saaketh-kesireddy](#) | Github: [/saakethk](#)

## EDUCATION

### Bachelor of Science in Computer Science

GPA: 4.0/4.0

University of Florida | Gainesville, FL

May 2029

- **Relevant Coursework:** Discrete Math (*Fall 2025*), Data Structures & Algorithms (*Spring 2026*), Computational Linear Algebra (*Spring 2026*)
- **Languages:** Python (*Advanced*), C++ (*Intermediate*), SQL (*Intermediate*)
- **Skills:** Tensorflow, Scikit-learn, Keras, Pandas, Numpy, Google Cloud, AWS, Docker

## PROJECTS

### Plutus: Autonomous Stock Trading System | Personal Project

Nov. 2025 - Current

- Building an event-driven trading system for automated decision-making
- Building neural network for next-day stock forecasts with attributions
- Built data ingestion and storage pipelines for ticker data
- Implemented hierarchical clustering to identify similar performing stocks

### Grasp: Web Scraper For Emerging Tech | Gatorhacks Project

Oct. 2025

- Built scalable data pipeline to process 100,000+ posts from Reddit
- Designed document embedding and cosine-similarity based retrieval system
- Implemented retrieval augmented generation with NaviGator LLM API

## EXPERIENCE

### Undergraduate Research Intern

Jan. 2026 - Current

ENGRAFT Lab | University of Florida

- Utilizing high performance computing clusters to finetune BERT model
- Developing classification model for bias in clinical notes with F1-score > 0.75
- Built preprocessing pipeline for 400,000+ entries of unstructured text data

### Undergraduate Research Developer

Sep. 2025 - Current

Virtual Learning Lab | University of Florida

- Building model to assess alignment of word ladder with associated lesson
- Implemented tree-based search for word ladder creation
- Admitted into Emerging Scholars Program with paper expected Dec. 2026

### Data Science Intern

Feb. 2024 - May 2024

Endgrate | Remote

- Utilized Next.js to create fullstack demo application to showcase API capabilities
- Worked with production security policies to ensure safe key storage
- Deployed containerized services via Google Cloud Run for testing

## INVOLVEMENT

### Backend Project Team Member / Hackathon Committee Member

Sep. 2025 - Current

Society of Asian Scientists & Engineers | University of Florida

- Building app to assist users in schedule decision-making
- Built script to parse student assignments from ics calendar file
- Implementing optical character recognition (OCR) to parse student transcripts
- Organizing hackathon judging for 100+ participants in UF SASEHacks

### Project Team Member

Sep. 2025 - Current

Gator Tech | University of Florida

- Created data pipelines to gather fundamental/technical stock indicators
- Developed scalable financial trading scheduler using AWS serverless services
- Deployed model on paper trading to evaluate performance

## CERTIFICATIONS

IBM Data Scientists Professional Certificate

Jan. 2026

AWS Fundamentals Professional Certificate

Feb. 2026