

JOHN SULLIVAN

Visionary Machine Learning Architect and Data Scientist seeking Spring/Fall 2025 Internships

Oviedo, FL 32765 | (561) 510-5195 | sullj105@gmail.com | linkedin.com/in/sullj | john-sullivan.com

EDUCATION

University of Central Florida Burnett Honors College

Orlando, FL

Bachelor of Computer Science, Minors in Economics and Statistics

Aug 2024 – May 2028

Emphasis: Machine Learning and Software Engineering, Major GPA: 3.8, 62 credits completed

HONORS

Dean's List, Florida Bright Futures Academic Scholar, U-Lead Scholars Program, AP Scholar with Distinction, Capstone Diploma

PROFESSIONAL EXPERIENCE

Undergraduate AI Research

Aug 2024 – Present

University of Central Florida

- Contributes to the development and optimization of Large Language Models (LLMs)
- Develops virtual AI assistants using Microsoft Rocketbox

IT Cybersecurity Intern

June 2024 – Aug 2024

The School District of Palm Beach County

- Placed Top 3 in three competitive CTF tournaments and experimented with Sub-GHz, Infrared, and RFID frequencies.
- Produced district-wide Multi-Factor Authentication (MFA) training videos.

Customer Service Assistant

Dec 2022 – Jul 2024

Chipotle Mexican Grill

- Worked in a high-intensity environment whilst operating multiple tasks such as cashier, front-line, and food-prep.
- Temporary manager tasks due to sudden quitting from managers. Handled a high volume of customers consistently.

VOLUNTEER EXPERIENCE (350+ HOURS)

Local UNICEF Chapter

Sept 2022 – May 2024

- Vice President of over 150+ members. Managed 4 monthly large-scale social events throughout the 2024 school year.
- Donated 2,290 pairs of shoes to Funds2Org.

Barrels4Better Non-profit

June 2023 – May 2024

- Vice President organizing multiple beach cleanups in the South Florida area.

Math, Science, & Engineering (MSE) Jumpstart Instructor

Jul 2023

- Organized and instructed classrooms of incoming first-year students into Suncoast High School's MSE Program
- Introduced 60+ first-year students to AP Physics I and AP Pre-Calculus

PROJECTS

Medical/First Response Chatbot

Jan 2025

- Used a variety of open-source materials and resources such as langchain, chanlit, pydantic, and AIAnytime.
- Created a locally hosted chatbot capable of answering any medical and first-aid questions.

Preventing Mass Wasting Destruction in the Rural Andean Region, Research Study

Aug 2023 – Apr 2024

- Worked with lead volcanologists, seismologists from the University of Washington and the USGS
- Analyzed which computer systems or engineering solution worked most effectively in the rural villages of the Andes.

Studyhall, Student-created Study App

Jan 2024 – Apr 2024

- Utilized "Waterfall" project management strategies, front-end, and back-end programming techniques in a small team.
- Built a Java project with the main focus of helping students with studying tactics.
- Used tools in development such as Eclipse & WindowBuilder.

ON-CAMPUS INVOLVEMENT

UCF Burnett Honors Congress: Campus Committee, AmStat: AI Flight Delays Project Member, Rock Climbing: Member

SKILLS

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

Tools: Photoshop & Premiere Pro (7 years), Daz3D & Blender (5 years), VS Code, InDesign, Microsoft SQL Server, Unity

Languages: Native English, High proficiency Polish, Workplace proficiency German and Spanish

Certifications: University of Michigan Python Data Structures Coursera, SQL Server, Java programming, Certified Internet Web (CIW) Internet Business Associate, Certified Internet Web (CIW) Site Development Associate