

# JOHN SULLIVAN

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## OBJECTIVE

To leverage machine learning to create innovative AI solutions that improve accessibility and empower diverse users.

## 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 Cybersecurity, Major GPA: 4.0

## HONORS

Florida Bright Futures Academic Scholar, AP Scholar with Distinction, Capstone Diploma

## PROFESSIONAL EXPERIENCE

**University of Central Florida** Aug 2024 – Present  
*Undergraduate AI Research*

- Contributing to the development and optimization of Large Language Models (LLMs)

**The School District of Palm Beach County** June 2024 – Aug 2024  
*IT Cybersecurity Intern*

- 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.

**Chipotle Mexican Grill** Dec 2022 – Jul 2024  
*Customer Service Assistant*

- 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

## SKILLS

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

**Tools & Apps:** 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

## PROJECTS

**Preventing Mass Wasting Destruction in the Rural Andean Region, Research Study** Aug 2023 – Apr 2024

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

**Studyhall, Student-created Study App**

- Partnered in a small team to utilize “Waterfall” project management strategies, front-end, and back-end programming to build a Java project focused on helping students with studying. Used Eclipse & WindowBuilder.

## ON-CAMPUS INVOLVEMENT

**UCF Burnett Honors Congress:** Campus Involvement Committee  
**HACK@UCF:** Competitor, Member

**AI UCF:** Member  
**Rock Climbing Club:** Member