Cecilia Rose Campisi

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EDUCATION

University of Florida — **Gainesville, FL**

Bachelor of Science in Electrical Engineering, Cum Laude — August 2022 – August 2026

Cumulative GPA 3.6/4.0 • **Honors:** Dean's List (2023 – 2025)

Relevant Coursework: Signals & Systems, Circuits I & II, Digital Logic, Linear Algebra, Data Science for ECE: Probability, Statistics, and Modeling, Differential Equations, Data Structures, AI, Computational Photography, State Variable Methods, Programming for EE 2: Algorithms and Data Structures

TECHNICAL SKILLS

Programming: Python, SQL, Java, MicroPython, MATLAB • **ML/AI:** PyTorch, TensorFlow, Scikit-learn, RL, Time Series, RAG, LLMs • **Hardware:** PCB Design (Altium), Raspberry Pi Pico, ADC/DAC, Oscilloscope, Signal Processing, Embedded Systems • **Tools:** NumPy, Pandas, Data Visualization, Linux, ROS2, NVIDIA Orin

INDUSTRY EXPERIENCE

IQM Corporation — **New York, NY**

Summer Intern – AI Enablement, Tech Sales — June 2026 – August 2026

- Contributing to an AI-driven platform for generating sales and marketing content and insights.
- Supporting development of an AI-powered GTM Intelligence Engine through customer, market, and competitive research.

JPMorgan Chase — **Jersey City, NJ**

Summer Intern – CIB Markets and Equities — June 2025 – August 2025

- Analyzed Java, SQL, and Python pipelines to verify correct data processing and compliance.
- Ensured data integrity across distributed databases through sampling, validation, and control testing.
- Automated performance metrics (APM) and built dashboards for reporting and decision-making.
- Analyzed credit-card risk in a case study, identifying vulnerabilities and recommending internal controls to mitigate risk.

Sensible Micro Corporation — **Tampa, FL**

Summer Intern — May 2024 – July 2024

- Built ML models to extract key contract terms, improving processing efficiency.
- Audited inventory and technical documentation for accuracy and compliance.
- Created and managed an eBay storefront to enhance product visibility and increase sales.

University of Florida — **Gainesville, FL**

Teaching Assistant – Circuits II — January 2025 – May 2026

- Led exam reviews, grade assignments, hold office hours, and provide detailed feedback.

PROJECTS

AI Retail Theft-Detection Robot – Senior Design | Spring 2026

- Enhancing an autonomous robot using NVIDIA Oring, ROS2, LIDAR, 3D imaging for real-time checkout monitoring.
- Developing CV pipeline for detection/tracking; integrated power system, Wi-Fi, UI, and 40lb payload frame.

Temperature Monitoring PCB – Junior Design | Fall 2025

- Designed and fabricated a 2-layer PCB integrating TMP36 sensor, LCD, DAC, LM386, LEDs, and regulator.
- Programmed MicroPython firmware for ADC sampling, filtering, calibration, and state-based control.

RESEARCH ASSISTANT EXPERIENCE

AI Learning RA, Aug – Dec 2025: Focused on individualized instruction tools using LLMs, RAG, and ML.

Wireless Group RA, Aug – Dec 2024: Conducted RL research; processed object-location data.

LEADERSHIP AND ACTIVITIES

Sigma Kappa: Philanthropy Committee (fundraised for Huntsman Cancer Institute) • Adaptive Sports Chapter of Disabled Sports (assistant ski instructor working with special needs children) • Skier, Surfer, Golfer • Harp and Violin (10+ years)