

KAITLYN MARTIN

Orlando, FL | (614) 256-8333 | kaitlyn.martin@knights.ucf.edu

EDUCATION

University of Central Florida

Bachelor of Science in Electrical Engineering

Anticipated graduation: May 2022

GPA: 3.43

PROJECTS & WORK EXPERIENCE

Computer Architecture Laboratory at University of Central Florida

Dec. 2020-Present

National Science Foundation (NSF) Research Experience for Undergraduates

- Assisted professor and graduate students with research
- Ran test benches in Verilog and edited papers for graduate students

Bioactive Vivarium Development

Dec. 2020-Present

Project Developer

- Designed an automatic system to sustain a vivarium
- Programming electronic monitor to regulate temperature, humidity, and light for habitat flourishing

Jones High School

Oct. 2019-Mar. 2020

STEM Tutor

- Tutored upperclassmen students in physics and calculus concepts and applications
- Demonstrated classroom activities and operated with teacher to provide well-rounded learning experience

iSTEM Initiatives at University of Central Florida

Apr. 2019-Apr. 2020

GEMS Mentor

- Mentored first year female students pursuing engineering to increase retention rates of females in STEM
- Applied communication skills to build and develop personal relationships with mentees

Texas Instruments RLSK Robot

Mar. 2019-Apr. 2019

Team Lead

- Led a team of four to build a robot that could direct itself through a maze
- Developed basic programming skills and gained skills with electronic work

Kumon Learning Center

June 2016-Aug. 2018

Tutor, Administrative Assistant

- Promoted to assist in additional work to help manage the franchise and streamline day-to-day operations
- Assisted with day-to-day operations, reset folders, took phone calls, and graded work
- Tutored children ranging from preschool to middle school, in both reading and math

PROFESSIONAL AFFILIATIONS

Institute of Electrical and Electronics Engineers

Student Member

Jan. 2021- Present

Society of Automotive Engineers

President

June 2020- Dec. 2020

Treasurer

June 2019- June 2020

Member

Sept. 2018- Dec. 2020

SKILLS

Circuit Design and Simulation: SPICE, Verilog

Software Development Frameworks: MIPS, C, Microcontrollers, Code Composer Studio

CAD/CAM: Solidworks

Certifications: Microsoft Office Suite (Excel, Word, PowerPoint)