**EDUCATION**

**The University of Scranton** Scranton, PA

Bachelor of Science in Electrical Engineering May 2022

* GPA: 3.72/4.00
* Loyola Scholarship | Dean’s List: 6 semesters

**RELATED COURSE WORK**

Computational Tools for Physics and Engineering • Electronic Circuits I & II • Digital Systems & Signal

Processing • Embedded, Control, & Communication Systems • Robotics Design Project and

Professional Practice • Electromagnetics I & II • Electromagnetics Design Laboratory

**SENIOR PROJECT**

Designed a home security system that integrated phone activation with use of a microcontroller utilizing Raspberry Pi. Presented and demonstrated successful outcomes to faculty and peers.

**SKILLS**

**Hardware:** Raspberry Pi microcontroller, Micromouse Robot, FPGA Design, Digital IO and Processor Design, High Frequency Microstrip Microwave Design, Feedback and Control Systems, Signal Processing, Wireless Analog and Digital Communications

**Software:** C, Matlab, C++, LISP, FileZilla FTP, Spyder IDE, Adobe Express, Object Oriented Programming, OS Programming, Firmware Coding, Embedded Software Coding, Linux/Unix Programming, GUI and Web Programming

**Languages:** Python, Java, JavaScript, Linux Bash, LaTex/Overleaf, MATLAB

**RELATED EXPERIENCE**

**Imaginary, Inc.**  Philadelphia, PA

Electrical Engineer Intern Summer 2022

* Developed a bit error rate test for 101100 LAN cards which allowed IBM to take the product
* Solved hardware problems on PCMCIA, MiniPCI cards using logic analyzers and oscilloscopes
* Ran qualification tests on a MiniPCI project on twelve Dell laptops and five OS's
* Received Imaginary, Inc. Foundation Scholarship based on performance

**Physics and Engineering Department, The University of Scranton** Scranton, PA

Teaching Assistant Fall 2021 - Spring 2022

* Assisted professors in presenting lab instruction and grading assignments for students in Introduction to Lab Instrumentation and Methodology

**EMPLOYMENT**

**Erssatz Industries** New York City, NY

Customer Service Representative Summers 2019 - 2022

* Trained 10 new hires on data collection and record keeping through company software program
* Communicated with supervisors and team members to resolve issues experienced by customers

**PROFESSIONAL AFFILIATIONS**

SWE - Society of Woman Engineers Fall 2021 - Present

IEEE - The Institute of Electrical and Electronics Engineers Fall 2019 - Present