

Michael G. Sherris

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TARGET: Summer 2024 Engineering Intern

Second-year Electrical Engineering student in a 3-year bachelor program with a solid grounding in laboratory equipment, schematic design, and component specification. Experienced in completing team projects, communicating orally and in writing to diverse audiences, and working in rapidly changing environments. Enjoy learning and applying new technologies and methodologies to quickly solve problems, prioritize tasks, and advance team projects. US citizen | GPA: 3.7 out of 4

TECHNICAL SKILLS

- **Programming:** Python, C++, MATLAB
- **Web Development:** HTML, CSS
- **Basic Laboratory Equipment:** Oscilloscopes, power supplies, soldering irons, signal generators.
- **Electronics Design:** Printed Circuit Board (PCB) Design, Circuit Analysis
- **Design Tools:** AutoCAD, Revit, Multisim
- **Other:** Electrical Wiring, Circuit Board-level Repairs, MS Office Suite, Adobe Suite, Artificial Intelligence

EDUCATION

Bachelor of Electrical & Electronic Engineering (BEng, Honors) | Newcastle University, UK | 09/2022 – Expected 06/2025

- **Y2 Project:** Designed an Echo FX microphone preamp and delay processor, which can be used to improve sound quality and add dynamic effects to the audio signal from a microphone. Applied skills in circuit design/analysis, PCB design/layout, electrical wiring, and soldering. Learned to design a PCB to prevent short circuits.
- **Y1 Project:** Worked on 6-member project team to design and construct a functioning wind turbine. Used AutoCAD for design, MATLAB for analysis, and Arduino programming to showcase efficiency and speed metrics.
- **Y1 & Y2 Coursework:** Project & Professional Issues; Signals & Communications; Semiconductor Devices & Analogue Electronics; Computer Programming & Organization; Digital Electronics; Automatic Control Systems; AC Electrical Power & Conversion; Mathematical Modeling & Statistical Methods for Engineers; Engineering Mathematics I; Sustainable Design, Creativity, and Professionalism; Electrical & Magnetic Systems; Electronics & Sensors; Thermofluid Mechanics; Properties & Behavior of Engineering Materials; Mechanics I

International Baccalaureate (IB) Diploma, British International School of Boston, Boston, MA | 06/2022

PROFESSIONAL DEVELOPMENT

- Programming for Everybody (Getting Started with Python) | University of Michigan, Coursera.org
- Python Data Structures | University of Michigan, Coursera.org
- C++ for C Programmers, Part A | University of California – Santa Cruz, Coursera.org
- Introduction to Engineering Mechanics | Georgia Institute of Technology, Coursera.org
- HTML & CSS Full Course | SuperSimpleDev.com
- Experiential Entrepreneurship, Accelerate Pre-College Program | Northeastern University
- Inspirit AI Scholars Live Online, Pre-College Enrichment Program | Stanford University
- **Other Relevant Training** (LinkedIn Learning, Online Tutorials): MATLAB, AutoCAD, AI, Revit, Cloud, Java and more.

PROFESSIONAL EXPERIENCE

Cook and Tent Manager | Ridgewells Catering - The US Open, Brookline, MA | 06/2022

- Hired to provide support during the 122nd US Open. Cooked, distributed food to tents, and served them the next day.
- Promoted to Tent Manager, overseeing personnel and operations of 2 financial tents with 4 servers and 2 bartenders.

Supermarket Support Staff | PASTENE, Cape Cod, MA | 08/2021 – 09/2021

- Restocked the shelves of 11 supermarkets with company products according to company instructions.

Warehouse Staff | PASTENE, Canton, MA | 07/2020,21 – 08/2020,21

- Reported to the Warehouse Manager and held accountability for loading and unloading shipping containers with company food products, wrapping, checking pallets, and organizing stock using a forklift for shipping.

Summer Camp Counselor | ALANDALE FARM, Boston, MA | 07/2019 – 08/2019

- Reported to the farm owner and worked collaboratively with another Summer Camp Counselor on planning, leading, and implementing 7-hour long camp programs for 10-12 children ages 5 to 8.