Peter George

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Highlight of Qualifications

- Enrolled in level 2 of McMaster University's Electrical Engineering Co-op Program, eligible for 4-month co-op positions starting May 2026
- Proven experience working with microprocessor programming through course projects
- Strong communication and management skills from prior internship experience

Education

Bachelor of Engineering Co-op (BEng) | *Electrical Engineering* **2024 – 2029**

McMaster University, Hamilton ON

- Achieved 3.9/4.0 grade point average, achieving $1000 in scholarships

Work Experience

Project Management Intern | *ABC Solutions, Toronto ON* **May – Aug 2025**

- Assisted in planning and coordinating project timelines, deliverables, and resources for client projects
- Conducted market analysis to support business development initiatives, resulting in 2 clients acquired
- Collaborated with multiple teams and departments to ensure project milestones were met and communicated progress to stakeholders
- Participated in client meetings and presentations, gaining exposure to client relationship management and demonstrating communication ability

Projects

Hallway Scanner | *Microprocessor Course Final Project* **Feb - April 2025**

- Developed an **ARM M4** based hallway scanner using a LiDAR sensor to measure out hallway dimensions, demonstrating proficiency with microprocessor programming and peripheral devices
- Programmed **C** code and employed **I2C** and **UART** communication protocols to transfer data
- Collaborated with 2 other students to complete project deliverable and meet deadlines, highlighting teamwork, communication and organizational skills
- Prepared project report to detail design process, exhibiting communication and documentation skills

Arduino Robot | *McMaster University Sumobot Competition* **Sept 2024 – Jan 2025**

- Cooperated with 3 peers to manage and fabricate an Arduino robot for an extracurricular school robotics tournament, highlighting ability to work effectively and take initiative in team settings
- Programmed **C++** movement algorithms based on data coming from an infrared sensor
- Used **Autodesk Inventor** to create and 3D print CAD models, improving robot durability

Skills

Software: Python, C/C++, Java, MATLAB, Simulink, PSpice, Autodesk Inventor, Visual Studio Code

Miscellaneous: Soldering, Oscilloscope, Circuit Design, PCB Debugging, G-class drivers licence