

Tevin Heath

EDUCATION

519-716-0115 | tevinheath.beng@gmail.com

Bachelor of Engineering - University of Guelph

Sept. 2023 – Jun. 2027

Major in Computer Engineering, Minor in Physics

Guelph, ON

- **Relevant Coursework:** Engineering Design, Electricity & Magnetism, Circuit Design, & Computational Physics

Bachelor of Science - McMaster University

Sept. 2016 – Apr 2020

Honours Mathematics and Statistics

Hamilton, ON

- **Relevant Coursework:** Statistics, Data Science, Machine Learning & Programming

TECHNICAL SKILLS

Electronic Design Automation:	Altium Designer, Cadence OrCAD, CircuitMaker,
Programming Languages:	Python, Java, C++, C, MATLAB, R
Libraries/Packages:	Python — TensorFlow, Scikit-learn, Keras, Pandas, Feather
Database Management:	SQL: MySQL, SQLite — NoSQL: MongoDB
Tools & Version Controls:	LaTeX, Git & Github, Power BI, Figma

WORK EXPERIENCE

Software Engineer & Project Management Analyst

May. 2024 – Aug. 2024

City of Calgary

Calgary, AB

- Software developed an automation program for the City of Calgary's Supply Chain using **Python** and **R**, that allowed for streamlined data collection and pipelining processes with zero data loss.
- Designed software solutions and **built robust data pipelines**, that integrated diverse data sources for real-time analysis and reporting.
- Conducted technical training sessions for non-technical staff by teaching data management and programming skills in Python and R for Data Science and Research techniques.

Financial & Accounting Analyst

Sept. 2023 – Dec. 2023

University of Guelph

Guelph, ON

- Collaborated with the Finance Manager to design financial software that automates manual processes using **Python** modules such as **Pandas** and **Numpy** and other useful libraries.
- Assisted in data analysis and financial reporting related to outstanding accounts receivables and provided support to the Accounts Receivable Coordinator.

Senior Consultant

Oct. 2021 – May. 2022

KPMG Canada

Waterloo, ON

- Created project models using **Tableau** for public and municipal sector clients by analyzing, evaluating, and developing business solutions, KPI's and strategic processes (financial, operational, risk, and system processes).
- Lead stakeholder consultations and conversation in the development and implementation of public sector strategy and business improvement processes and programs.
- Mentored and oversaw **KPMG's Junior Consultants** on projects and all management activities including financial planning and contracting aspects and obligations.

EXTRACURRICULAR ACTIVITIES

Software Developer

Sept. 2024 – Present

University of Guelph Collaborative Creative Collective (CoCreCo)

Guelph, ON

- Developing the University of Guelph's (UoG) CoCreCo database using **SQLite**, **MySQL**, and **MongoDB**.
- Managing the UoG CoCreCo's team of developers and graphic designer on website design and database development in preparation for conference and competition that UoG CoCreCo's will be hosting in 2025.

Software & Flight Systems Developer

Sept. 2024 – Present

Gryphon Aerospace

Guelph, ON

- Conducting research for Gryphon Aerospace relating to Computational Physics and Scientific computation problems as it relates to industry standard problems.
- Creating Gryphon Aerospace's first customized Printed Circuit Board (PCB) using **Altium Designer 24** & **Cadence OrCAD** for PCB schematics, design, & simulation to assist in the electrical engineering design for Gryphon Aerospace's Unmanned Aerial System (UAS).