

# Michael Quick

🏠 Denfield, ON, N0M1P0

📞 519 317 2635

✉️ mwquick04@gmail.com

🔗 ExplorerDonutz

🌐 Michael Quick

🌐 michaelquick.ca

## EDUCATION

**UNIVERSITY OF WESTERN ONTARIO** | *Bachelor of Science*

Expected 2022 – 2027

- *Honours Specialization in Computer Science, Minor in Game Development*
- Related Coursework: data structures and algorithms, computer architecture, systems programming, artificial intelligence, operating systems

## EXPERIENCE

**GRUV MEDIA**

London, ON

**Developer**

Jul 2023 – Present

- Developed websites and full-stack applications using Python, PHP, Django, Wagtail, WordPress, JavaScript
- Maintained websites and handled server operations, including security and performance reviews
- Handled databases and server technologies including CPanel, Apache, and PostgreSQL
- Coordinated with clients as well as team members to improve workflow and handle issues

**HYLAND FARMS LTD.**

Denfield, ON

**Farmhand**

April 2019 – Present

- Developed, installed, and programmed self-steering solutions for tractors utilizing the open source project AGOpenGPS
- Responsible for the wellbeing of animals, including feeding, cleaning their enclosures and equipment, and informing others of their condition

## SKILLS

**Programming languages** Java, Python, C/C++, R, PHP, HTML, CSS, JavaScript

**Frameworks and libraries** WHM, CPanel, WordPress, React, Django, Wagtail, Scikit-learn, AGOpenGPS

**Other skills** Git, Linux, Microsoft Office, Communication, Problem-solving, Hard-working

## AWARDS AND CERTIFICATIONS

Learn to Lead Leadership Certificate, University of Western Ontario

2022

Western Game Design Society Game Jam Winner

2023

Participant in Western AI's DataQuest 2023 and 2024.

2023/2024

## PROJECTS

**DATAQUEST** | [Link](#) 📄

2023/2024

- Utilized Python with pandas, scikit-learn, and other packages to create machine learning models
- Collaborated with team members to design a functioning model and presentation
- Successfully designed and implemented a working model with high accuracy in both the 2023 and 2024 events

**TRACTOR AUTO-STEER**

2024

- Determined necessary hardware such as GPS, main board, IMU, etc.
- Soldered hardware and built wiring harness to connect the auto-steering solution to the tractor
- Adjusted settings and optimized software for the tractor using measurements, understanding of PWM, and test drives