William Fitzjohn

(289) 221-4738 | wifitzjohn@gmail.com | Toronto, ON
www.github.com/WilliamFitzjohn | www.fitzjohn.dev

EDUCATION

University of Guelph	**August 2019 – April 2023**
Bachelor of Computing (Honours) in Computer Science	Guelph, ON
Economics and Finance Minor	

EXPERIENCE

Ontario Veterinary College   **April 2022 – Current**
Software Developer   Guelph, ON
- Designing and producing front-end Plotly dashboards for visualizing live-stock data.
- Deploying Python back-ends on Amazon Web Services connected to public APIs.
- Refactoring existing software to be used in R Studio to expand analysts' tool-kits.

Deloitte   **May 2022 – August 2022**
IT Co-op – Intelligent Automation CoE   Toronto, ON
- Supported management on 5+ projects resulting in time savings of ∼2300 hours of labour-intense work annually.
- Leveraged automations to reduce bottle-necks in business pipelines, resulting in time-savings and less down-time.
- Assisted in the architecture and design of robotic processes with a focus on reliability using best practices.

Deloitte   **May 2021 – August 2021**
IT Co-op – Data Centre Services   Toronto, ON
- Developed software to monitor 1000s of VMs (Virtual Machines) to deliver KPIs for management.
- Collaborated with Deloitte Data Centre Services to oversee 100s of servers, supporting client-facing service lines.

PROJECTS

TwitchAlert | *JavaScript, Node.js, Twitch API*   **April 2022**
- Engaging viewers with influencers via 'Live' indicators with this full-stack Magic-Mirror module.

Fitzjohn.dev | *React, Node.js, Git*   **April 2022**
- Providing an in-depth look of my previous work with an interactive React web portfolio.

UniSearch | *React, Flask, Python, Nginx, Git*   **January 2022**
- Enabling students to plan their degrees in a web app connected to a back-end serving scraped course data.

QuizBot | *JavaScript, Node.js, Discord API*   **July 2021**
- Delivering course content to students of an angel investing firm using a Discord chat bot.

GPS Route Tracker | *HTML, JavaScript, Node.js, Express, C, MySQL*   **April 2021**
- Manipulating GPS routes with a full-stack CRUD web app with integrated SQL databases.

SKILLS

Languages: C, CSS, HTML, Java, JavaScript, Python, SQL
Tools: Express, Flask, Git, MySQL, Nginx, Node.js, PostgreSQL, ReactJS
Data: NumPy, Pandas, Plotly, PyTorch

RELEVANT COURSEWORK

CIS4780 Computational Intelligence	*CIS4020* Data Science	*CIS3760* Software Engineering
CIS3700 Intro to Intelligent Systems	*CIS3490* Algorithms	*CIS3050* Systems Programming