William Fitzjohn

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PROFILE

I'm an enthusiastic Computer Science student with a long term goal of having an exciting career in software engineering. Since immigrating from England at age 10, I have grown my passion for computers, including volunteering to teach robotics to elementary students. By age 11, I started to create mods for my favourite games. In high school, I excelled in my studies and received the computer science award in grades 11 and 12, and am now pursuing my interest in my post-secondary studies. I am eager to prove my capabilities in the software development field and I plan on doing so with my long-term fundamental knowledge on computing, and my ever-growing interest in my studies.

EDUCATION

University of Guelph   Guelph, ON
Bachelor of Computing (Honours), Computer Science Major, Economics Minor   *2019 – 2023*

SKILLS

Languages: C, JavaScript, Java, Python, HTML/CSS, SQL
Tools: React, Flask, Nginx, Node.js, PostgreSQL, WordPress, Git, Linux

EXPERIENCE

IT Co-op   Summer 2021, Summer 2022
Deloitte
- Worked with Deloitte Datacenter Services to manage thousands of virtual machines used by Deloitte Canada and Chile
- Joined an operations team to deploy VMs, troubleshoot servers, and delegate work to other teams and co-workers
- Developed scripts to gather data from thousands of virtual machines to measure KPIs for upper management

HVAC Apprentice   2017 – 2020
Going Ductless   *Toronto, ON*
- Developed effective communication skills and worked well in a team setting to install heating and cooling in server rooms, offices, machine rooms and more
- Trained new employees up to organized and efficient company standards
- Constructed a great work ethic from working long and intense hours

PROJECTS

UniSearch | *React, Flask, Python, Node.js, Git*
- A group project that scrapes the UofGuelph / UWaterloo course databases and allows users to search and graph courses. React frontend and Python backend with a flask API. Team organization through Git.

GPS Route Tracker | *HTML, JavaScript, Node.js, C, MySQL*
- A full stack CRUD web app that works with GPX files that track GPS coordinates. Backend coded in C, frontend in JavaScript, HTML, CSS. Linked to a MySQL database

Discord Quiz Bot | *JavaScript, Node.js*
- Contract work for an angel investing firm to deliver course content to their clients. The discord chat bot was built using entirely Node.js

Youth Wellness App | *Figma, Excel, Sony Vegas*
- Lead a design team to gather requirements from a client and create a high fidelity prototype for a mobile app targeted at a young audience. Also created a video to showcase the product

REFERENCES

Fraser Galer | *CTO, Deloitte*   fgaler@deloitte.ca
Erik Tomovski | *Co-Founder, TN Consulting*   erik@tomovskinoble.ca
Louise Collins | *Director, Going Ductless*   louise@goingductless.ca