

David Zhong

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TECHNICAL SKILLS

Languages: Python, C, JS, HTML/CSS, PHP, Java **Frameworks and Libraries:** Flask, Pandas, BeautifulSoup
Dev Tools: Linux, Git, VS Code, PyCharm, Sublime, Google Cloud API **Other:** Raspberry Pi, Sketchup

EDUCATION

University of Guelph

Bachelor of Computing (Co-op), Business Minor, AI Specialization

Guelph, ON

Sep. 2024 - Apr. 2029

EXPERIENCE

Full Stack Developer, Co-op

Jul. 2023 - Aug. 2023

Digital Fire (IT services and IT consulting firm)

Oakville, ON

- Owned the development of the automation of an interactive 200+ item inventory database (Python, Google Sheets) to support the hardware needs of small businesses
 - Adding/removing, searching items using Google API
 - Created frontend for user input using HTML & CSS, PHP, Javascript
- Installed Windows using BIOS & wiped hard drives on 20+ client computers, supporting client onboarding
- Shadowed co-workers on day-to-day operations of on-site client-facing hardware fixes for mid-sized firms
- Managed front desk communications & package reception, contributing to efficient daily operations

[Believe Leadership](#) Chapter Leader

Mar. 2022 - Jun. 2023

Glen Abbey Chapter

Oakville, ON

- Provided 1-to-1 guidance on members' personal project development (including a finalist project), organized end-of-term showcase events, and delivered lesson materials (communication, discipline, etc.)
- Organized alongside administrators and two peers to support student leadership across North America

PROJECTS

Traffic Speed & Camera Alert Device | Raspberry Pi, GPS Module, Python

Jul. 2025

- Designed and developed a system to scrape current traffic camera locations to deliver real-time voice and LED alerts using GPS and GeoJSON
- Helped increase driver situational awareness, stay within speed limits, and avoid unnecessary penalties

Bet NHL, Simulated Betting Platform | Flask, Python, HTML/CSS, JavaScript, Google API

Mar. 2025

- Developed a real-time NHL betting strategy testing platform to place simulated bets and view live odds/score
- Improved simulated ROI of personal strategy by 1940%, proving viable low-risk, high-reward tactic refining

Recipedia | Python

Feb. 2021 - Jul. 2021

- Sole developer of Python backend for recipe search engine/web scraper via PyCharm
- Competed for \$2000 grant against 30 projects at organization-wide project fair in front of RBC judges
- Created social media visuals, user community on Discord, & educational articles about nutrition