

Hady Wehbe

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EDUCATION

Wilfrid Laurier University

Waterloo, ON

Bachelor of Computer Science (BSc)

September 2021 – April 2025

- **Relevant Courses:** Data Structures I (Python) & II (C/C++), Database I (SQL), Introduction to Object-Oriented Programming (Java), Software Engineering
- **Extracurriculars:** Laurier Computing Society, Fitness Ambassador, Soccer

EXPERIENCE

Jr. Analyst (Part Time)

Sept. 2023 – Present 2023

Zartek Global Cybersecurity Network

Toronto, ON, Canada

- Conducted **vulnerability assessments** and **ethical hacking** exercises to pinpoint security gaps, leading to the development of a fortified **cybersecurity posture**.
- Played a crucial role in **security hardening initiatives**, including **Active Directory** and **Firewall** configurations, reducing potential intrusion incidents by **20%**.
- Participated in deploying **SIEM solutions** (such as **QRadar** or **AlienVault**) to enhance real-time security event analysis and incident response capabilities.

Data Analyst Intern

April 2023 – August 2023

PowerOptix Facility Management Corp.

Toronto, ON, Canada

- Engaged in **data analysis** and **optimization** tasks for facility management, using **Power BI** to drive operational efficiency and cost reduction strategies.
- Supported the development of facility management software solutions, contributing to programming tasks focusing on integrating **security** and **data analysis features**.
- Assisted in deploying **Power BI dashboards** for real-time analytics, leading an actionable enterprise **vulnerability management program** and **infrastructure management**.

Intern

May 2021 – August 2021

REMAX Metropolis Realty Brokerage

Markham, ON, Canada

- Utilized **Advanced Excel** for data manipulation, enhancing data mining and pattern recognition to identify real estate trends.
- Provided **data-driven insights** for business strategy, leveraging **statistical analysis**, and **predictive modelling** to inform marketing and sales decisions.
- Crafted **presentation material** with integrated **data visualization**, effectively communicating complex market trends to internal stakeholders.

PROJECTS

OTFMap / C++, Glade, EZGL, GTK, OpenStreetMap API, Git

- Developed an advanced **GIS application** using C++, incorporating **OpenStreetMap** for mapping data and tailored algorithms for efficient **route optimization**.
- Designed a **user-friendly interface** with **GTK+** and **Glade**, focusing on simplicity and ease of use, which facilitated an intuitive interaction with the application complex functionalities.

SpudSight / Python, TensorFlow, FastAPI, React Native, GCP, Git

- Developed an end-to-end **AI-driven** mobile application using **TensorFlow** and **React Native** for diagnosing potato plant diseases, using **CNN**'s for accurate image-based classification.
- Engineered a scalable back-end with **FastAPI** to manage image data flow and model inference, ensuring quick response times even during peak usage.

Personal Website Portfolio / Next.js, React, Tailwind CSS, Git

- Engineered an interactive **personal portfolio website** using **Next.js** and **React**, with a **responsive design** utilizing **Tailwind CSS**, and managed source code using **Git** for version control.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, SQL, JavaScript, React, HTML/CSS

Frameworks/Tools: React, Node.js, Flask, BeautifulSoup, ExpressJS, Power BI, Tableau, Advanced Excel

Developer Tools: Git, GitHub Actions, Linux, Google Cloud Platform, Selenium, VS Code, Visual Studio, MongoDB, PyCharm, Eclipse

Cybersecurity Tools: SIEM Tools, Firewall/Network Configuration tools, Vulnerability Assessment Tools