



Yunas Magsi



• yunas.magsi@outlook.com • (647) 345-5554 • www.linkedin.com/in/yunasmagsi/

Education

CARLETON UNIVERSITY

Bachelor of Engineering, Computer Systems

Ottawa, ON

April, 2023

Relevant Coursework: Algorithms & Data Structures (Python & SQL), Computer Communication (Wireshark), Computer Systems Design (Verilog & VHDL), **Data Science** (Anaconda), Network Security (Seeds Lab), Object Oriented (Java & Python), Operating System (Linux), Procedural (C & Python), Real-Time Systems (Keil), **Web Development** (HTML, CSS, JavaScript, PHP, REACT)

Skills & Interests

Technical: Agile, **Python**, Azure, Automation, JIRA, **MySQL**, Firebase, HTML/CSS, PHP, PyQt5, C, Selenium

Certificates: Agile with Atlassian **Jira**, Microsoft Azure AI Fundamentals (AI-900), Glider Pilot License, Air Cadets Service Medal

Interests: Artificial Intelligence, Aviation, Automotive Repair, Biking, **Data Science**, Computer Building/Repairing, Drones, **Web Development**, IoT, Muay Thai, Programming, Robotics, **Databases**, Servers

Experience

BestBuy

Ottawa, ON

GeekSquad/Computing Solutions Advisor

December 2022 – April 2023

- Provided client consultation for troubleshooting and repair of electronic devices and computers.
- Executed software-related solutions, including data transfers and installations, on both Apple Mac and PC systems.
- Worked under high stress loads, at times working on up to 10 PCs while helping customers.

Nature Conservancy of Canada

Toronto, ON

IT Help Desk Analyst Intern

May 2022 – August 2022

- Administered and maintained critical server functions, including backups, upgrades, and disk space management.
- Developed and managed streamlined procedures for user account and device maintenance in various systems like Active Directory, Azure Active Directory, Citrix, Office 365 Admin, TELUS Business Line, and Microsoft Endpoint.
- Identified and resolved technical errors by implementing effective solutions promptly. Additionally, created technical documentation to empower users with self-service options for frequently encountered issues.

UBreakifix

Ottawa, ON

Cellphone/Computer Technician

August 2021 – December 2021

- Performed in-depth analysis of hardware issues in computers and cellphones, effectively resolving them through repair, servicing, and replacement of components as needed.
- Provided comprehensive desktop support by proactively troubleshooting and resolving workstation problems, promptly addressing user inquiries and issues.
- Installed software, demonstrating its usage, and troubleshooting when users are faced with problems.

Projects

RollSmart (AKA Smart Rollator) (<https://youtu.be/nNWIjZ371fU>)

- Designed and developed the RollSmart Smart Rollator, an updated mobility aid with health monitoring features.
- Integrated a range of features for the RollSmart, including the ability to measure vital signs (heart rate, spo2), track activity levels (speed, distance, jerkiness), and monitor misuse of the rollator while seated, with local SQL storage.
- Implemented Full Stack GUI data visualization app in PyQT5 to track sensor readings and usage habits over time, allowing medical professionals to develop rehabilitation plans and improve patient outcomes.

Miniature Home Security System Model on Arduino (https://youtu.be/PwTP_ah0By0)

- Developed a futuristic miniature home model with security and lighting features powered by Arduino.
- Utilized motion sensors (ultrasonic) to trigger security alarms upon detecting movement.
- Enhanced the home experience through Bluetooth connectivity for mood lighting and automated outdoor lighting controlled by a smartphone application, adapting to natural light conditions.