

# ANDY UNG

✉ ung.andy01@gmail.com · ☎ (613)-301-1381 · 🌐 Andy Ung · 📱 andyung17

## SUMMARY OF QUALIFICATIONS

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- **Programming Languages:** C++, C-Sharp, Python, Java, Golang, JavaScript, HTML/CSS,  $\LaTeX$
- **Technologies/Frameworks:** Git, Bitbucket, VSCode, Jira, React, Node.js, Pandas, OpenCV/Tesseract, Numpy, PostgreSQL, MS SQL Server, Firebase,

## RELEVANT EXPERIENCE

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### Backend Developer

*Blurwave-AI*

**Ottawa, ON**  
May 2022 - Aug 2022

- Automated analyzing forecast data using Python, NodeJs, and OpenCV
- Improved security and efficiency of many microservices using Golang
- Conducted many forms of testing to ensure code stability amongst

### Software Developer

*Transport Canada*

**Ottawa, ON**  
Sep 2021 - Apr 2022

- Developed intermediary methods to retrieve data being sent to and from users using ASP.Net
- Implemented measures to ensure data was accurate using SQL operations within MS SQL Server
- Produced effective UI/UX design using C-Sharp hosted on Microsoft Azure

### Software Designer

*Arkalumen*

**Ottawa, ON**  
Jan 2021 - Apr 2021

- Developed and improved Windows desktop application in .Net WPF
- Utilized MVVM Light Toolkit to create back-end functionality in C-Sharp
- Created protocol of communications within the code base and firebase to track user information

### Data Technician

*Government of Canada*

**Ottawa, ON**  
June 2020 - Dec 2020

- Worked with a variety of ticketing systems
- Managed print queues within their system

## PROJECTS

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### FYON Discord Bot *Nodejs, Python*

📱 Discord bot

- Used Jikan API to extract information from MAL
- Applied Trace.moe API to find origins of photos

### Meal Time Tracker *GNG 2101 - Prod Dev and Mgmt*

📱 Meal Tracker

- Produced an interactive Android application to manage food consumption, fitness activity and establish trends

## OTHER EXPERIENCE

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### Team Leader

*McDonald's Canada*

**Ottawa, ON**  
May 2018 - Oct 2021

- Worked in a fast-paced and stressful environment with many co-workers to satisfies and exceed customers' expectations.

## EDUCATION

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### University of Ottawa - CGPA: 8.9, GPA: 3.65

*Bachelor of Applied Science, Software Engineering, 5x Deans Honour List*

**Ottawa, ON**  
Sep 2019 - Present

- Awarded a prestigious entrance scholarship given only to a few students on the basis of academic excellence and achievement in high school