Christopher Mikhail

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EDUCATION

Ryerson University — Toronto, ON
Bachelor's of Science in Computer Science, minor in Cybersecurity — September 2022 - April 2026

PROJECTS

PantryPal | *React, Cohere AI, Flask, Azure, Linux CLI* — March - May 2023

- Developed PantryPal, an AI-powered recipe generation website that tailors recipes to individual user preferences.
- Hosted the website on a Linux Azure VM and managed a production server using Waitress.
- Implemented a functional back end using Flask, and a dynamic front end with React.

Health Policy Student Association | *HTML/CSS, Javascript, Flask* — February - March 2023

- Worked collaboratively with another developer to build a website for the Health Policy Student Association at McMaster University.
- Employed HTML/CSS and JavaScript to create an engaging, interactive user interface.
- Developed and implemented an email submission system using Flask.
- Ensured the website's layout was responsive and optimized for all devices.

League of Legends Webscraper | *Python, BeautifulSoup, Matplotlib* — January 2022

- Utilized BeautifulSoup to extract player stats from websites such as OP.GG and LeagueOfGraphs.com from a database of over 27 million players across 16 regions.
- Developed pie graphs using Matplotlib to visually represent champion mastery distribution.

Rizzify | *Python, Cohere AI* — May 2023

- Made a bot with a trained version of Cohere AI using a dataset of over 100 quotes to mimic the speaking patterns of 3 characters. Used Disnake.py to allow Discord users to interact with the bot.
- Was made as a submission for MetHacks 2023.

SKILLS

Programming languages: Python, HTML/CSS, JavaScript, Java, SQL

Frameworks/Libraries: React, jQuery, Tkinter, BeautifulSoup, Matplotlib, Flask

Developer Tools: Git, GitHub, Microsoft Azure, Pycharm, Visual Studio Code, IntelliJ, Linux CLI

Soft Skills: Communication, Teamwork, Leadership, Problem Solving, Time Management

VOLUNTEER EXPERIENCE

Summer Camp Instructor — July 2019

- Managed groups of about 20 kids every day for 2 weeks.
- Organized over 10 fun yet meaningful activities that taught the kids more about their faith.

Hymns Class Teacher — March 2020 - March 2022

- Conducted weekly Zoom lessons for grades 3-6, ensuring high student engagement. Over 85% of the class achieved a high distinction in a local hymn competition.