# Arshiya Evan Moallem

613-406-0895 | arshiyamoallem@outlook.com | Linkedin | GitHub | Website

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## EDUCATION

**Bachelor of Engineering, Software Engineering Co-op**　　　　　　**September 2023 - Present**

Carleton University　　　　　　　　　　　　　　　　　　　　　　　　Ottawa, ON

Third-year standing, Entrance Scholarships

## WORK EXPERIENCE

**Student Co-op Position | Private Cloud Team**　　　　　　　　**May 2025 - Dec 2025**

Shared Services Canada (SSC) | Services partagés Canada (SPC)　　　　　Ottawa, ON

- Experienced with Infrastructure as Code (IaC) in OpenStack and cloud environments
- Proficient in Linux system administration in production systems
- Automated OpenStack deployments using IaC, improving reliability and reducing setup time

## TECHNICAL SKILLS

- Proficient in Python, C, Java, SQL, OpenStack, Terraform, Ansible, YAML; familiar with HTML, CSS, JavaScript, C++, Golang, Racket
- GUI development (Java Swing & AWT), Object Oriented Programming (OOP), Abstract Data Types (ADTs), algorithms & data structures, operating systems, refactoring, debugging, and unit testing
- Experience with Git, Visual Studio Code, IntelliJ IDEA, Linux (Ubuntu & Red Hat), Windows PowerShell, and Office 365

## COMMUNICATION SKILLS

- Strong communication, interpersonal, and collaborative skills with expertise in organization, problem-solving, facilitation, and building strong, fluid working relationships with teammates
- Demonstrated ability to work in a team and independently in a fast-paced environment
- Bilingual – English, French

## VOLUNTEERING EXPERIENCE

**Soccer Assistant Coach & Assistant Referee**　　　　　　　**September 2019 - June 2023**

École secondaire publique Louis-Riel　　　　　　　　　　　　　　　Ottawa, ON

- Ensured all tasks provided by the head of management were completed efficiently
- Assisted in the preparation of organised sporting events
- Coached and guided over 20+ players to increase and improve in the sport

## PROJECTS

- **Social Media App (C)**
  - • **Architected** and **Simulated** core social media features: user registration, profiles, friends, and posts
  - • Used linked lists, stacks, and dynamic memory to optimize data management and storage.
- **Video Game Hub (Python)**
  - • Multi-game console hub with 4 games using modular OOP design
  - • Features: Guess the Number, Rock-Paper-Scissors, Wordle, MCQ Quiz
  - • Utilized Python's **random**, **sys**, **time**, and **os** libraries for game logic and interface