

PIROOZ SEYF ASKARI BARKOOSARAEI

Software Developer · Computer Science/Cognitive Science Double Major · University of Toronto

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EXPERIENCE

PCNIX Canada

Computer Technician (Co-op)

📅 Feb 2019 – June 2019 📍 Toronto, ON

- Deciphered problems with computer hardware and software and then devised a plan to correct them.
- Demonstrated skills in computer assembly and taking safety precautions to carefully analyze hardware issues.
- Accomplished a **90%** in client satisfaction by efficiently solving and effectively repairing computer related problems.

Canada's Wonderland

Aquatics Attendant

📅 Aug 2019 – Sep 2019 📍 Vaughan, ON

- Prioritized guest safety and helped maintain a safe and clean environment for thousands of guests at the water-park.
- Demonstrated critical thinking skills by figuring out solutions for difficult situations such as guest injury and lost children.
- Cooperated with lifeguards and supervisors to coordinate rotations to different positions.

PROJECTS

BookThink

devpost.com/software/bookthink

📅 May 2021 – Ongoing 📍 Neighborhood Hacks 2021

- Developed a mobile app utilizing **Python** to allow bookworms to record and discuss their favourite publications.
- Implemented a database system with password encryption using **MongoDB** and created a dynamic UI for the app using the **Kivy framework**.

Connect 4 Discord Bot

devpost.com/software/discord-connect-4

📅 May 2021 📍 RUHacks 2021

- Developed a Discord bot using **Python** and the **Discord.py API** to allow users to play connect 4 against friends or an AI.
- Implemented a **mini-max algorithm** to efficiently and effectively search for the most optimal move for the situation.
- Utilized a **Google Cloud virtual machine** to run the bot 24/7.
- Inspected and gained **80%** satisfaction amongst users with the idea and demonstration of the bot.

CERTIFICATES

- CCNA: Switching, Routing, and Wireless Essentials 2020
- CCNA: Enterprise Networking, Security, and Automation 2020
- Standard First Aid CPR Level C Certificate 2019
- CCNA: Introduction to Networks 2018

SKILLS

Programming Languages

Python LaTeX C# HTML CSS
Visual Basic

Development Tools & Environment

Git Visual Studio Microsoft Office
MongoDB Pycharm Windows
Unix/Linux JSON

EDUCATION

University of Toronto, St. George Campus

Candidate for Bachelor of Science in Computer Science and Cognitive Science

📅 Sep 2020 – Ongoing 📍 Toronto, ON

- **Cumulative GPA:** 4.0/4.0
- **Relevant Coursework:** Object Oriented Programming, Sorting Algorithms, Time Complexity, Graph Theory, Algorithm Analysis

SATEC @ W.A Porter Collegiate Institute

Ontario Secondary School Diploma

📅 Sep 2016 – June 2020 📍 Toronto, ON

- **Academic Average:** 85%
- Grade 9 to 12 Honours Society

VOLUNTEER SERVICES

Activity Supervisor

Shadowland Theatre

📅 June 2018 📍 Toronto, ON

Supervised and facilitated children doing activities in the park such as face painting, stilt walking, and creating bird masks.

Gardener

Scarborough Village Community Garden

📅 July 2018 📍 Toronto, ON

Nurtured the community garden by weeding, planting, and watering the plants. Donated produce from the garden to charity.

OTHER INTERESTS

Coding Cycling Gaming Anime