PIROOZ SEYF ASKARI BARKOOSARAEI

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

Toronto, Ontario | 647-774-4891 | piroozsab@gmail.com

piroozbarkoosaraei.com | piroozb | pirooz-barkoosaraei

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 at the moment.
- 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