

Pirooz Seyf Askari Barkoosaraei

SOFTWARE DEVELOPER · COMPUTER SCIENCE/COGNITIVE SCIENCE DOUBLE MAJOR · UNIVERSITY OF TORONTO

📍 Toronto, ON | ☎ (+1) 647-774-4891 | ✉ piroozsab | 🌐 piroozbarkoosaraei.com | 📱 piroozb | 🌐 pirooz-barkoosaraei

About Me

Programming	Python, Java, C#, HTML, CSS, JavaScript, Visual Basic
Other technologies	Git/Github, MongoDB, Visual Studio, Unix/Linux, Microsoft Office, Windows
Soft Skills	Teamwork, Critical Thinking, Time Management, Communication, Work Ethic

Work Experience

Kidney Health Education and Research Group

PYTHON DEVELOPER

📍 Toronto, ON

📅 Sep 2021 – March 2022

- Helped develop back-end software and functionality for the website etontario.org
- Displayed critical thinking skills by figuring out solutions for end goals and implementing these solutions in projects.
- Cooperated with other members of the Data team such as Front-end developers to forge and create projects for the company.

PCNIX Canada

COMPUTER TECHNICIAN (CO-OP)

📍 Toronto, ON

📅 Feb 2019 – June 2019

- 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.
- Achieved a **90%** in client satisfaction by efficiently solving and effectively repairing computer-related problems.

Projects

Canadian COVID-19 Timeline

[DEVPOST.COM/SOFTWARE/COVID-19-TIMELINE-CANADA](https://devpost.com/software/covid-19-timeline-canada)

📄 EngHack 2021

📅 June 2021 – Ongoing

- Developed covidtimelinecanada.codes using **HTML, CSS, SASS** and **Javascript** to showcase a COVID-19 timeline of Canada.
- Implemented and connected a COVID-19 API with **Chart.js** to graph and showcase COVID-19 cases in Canada with 95% accuracy. Utilized the **Google News** API to make the graph interactive so that users can view news related to the pandemic of specific dates.

Connect 4 Discord Bot

[DEVPOST.COM/SOFTWARE/DISCORD-CONNECT-4](https://devpost.com/software/discord-connect-4)

📄 RUHacks 2021

📅 May 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 allowing the bot to run 24/7.
- Inspected and gained **80%** satisfaction amongst users with the idea and demonstration of the bot.

Education

University of Toronto, St. George Campus

CANDIDATE FOR B.Sc. IN COMPUTER SCIENCE AND COGNITIVE SCIENCE

📍 Toronto, ON

📅 Sep 2020 – Ongoing

- **Cumulative GPA:** 4.0/4.0, 2020-2021 Dean's List
- **Relevant Coursework:** Object-Oriented Programming, Sorting Algorithms, Recursion, Time Complexity, Graph Theory, Algorithm Analysis, Clean Architecture, SOLID Design Principle, Design Patterns

Volunteer Services

Shadowland Theatre

ACTIVITY SUPERVISOR

📍 Toronto, ON

📅 June 2018

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

Certificates

2020	CCNA: Switching, Routing, and Wireless Essentials , Cisco Systems, Inc.	Toronto, ON
2020	CCNA: Enterprise Networking, Security, and Automation , Cisco Systems, Inc.	Toronto, ON
2019	Standard First Aid and Cardiopulmonary resuscitation (CPR-C) Certificate , Workplace Medical Corp.	Toronto, ON
2018	CCNA: Introduction to Networks , Cisco Systems, Inc.	Toronto, ON