Pirooz Seyf Askari Barkoosaraei

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

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Skills

Languages	Python, LaTeX, C#, HTML, CSS, Visual Basic
Databases	MongoDB, JSON
Other technologies	Git/Github, Google Cloud, Pycharm, Visual Studio, Unix/Linux, Microsoft Office, Windows

Work Experience

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.

Canada's Wonderland
AQUATICS ATTENDANT
Vaughan, ON
Aug 2019 – Sep 2019

- Prioritized guest safety and helped maintain a safe and clean environment for thousands of guests at the water-park.
- Displayed 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
Neighbourhood Hacks 2021
May 2021 – Ongoing

- 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
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
- **Relevant Coursework:** Object Oriented Programming, Sorting Algorithms, Recursion, Time Complexity, Graph Theory, Algorithm Analysis

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*