Pirooz Seyf Askari Barkoosaraei

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

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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
📍 *Toronto, ON*
PYTHON DEVELOPER
📅 *Oct 2021 – Mar 2022*

- Helped develop back-end scripts using **Python** libraries **Pandas** and **Requests** for kidney research.
- 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 to collect data with **95%** accuracy.

PCNIX Toronto
📍 *Toronto, ON*
COMPUTER TECHNICIAN (CO-OP)
📅 *Feb 2019 – Jun 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
</> *EngHack*
DEVPOST.COM/SOFTWARE/COVID-19-TIMELINE-CANADA
📅 *Jun 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
</> *RUHacks*
DEVPOST.COM/SOFTWARE/DISCORD-CONNECT-4
📅 *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 **93%** satisfaction amongst users with the idea and demonstration of the bot.
- Completed and deployed the project in under **48 hours**

FatBite Workout App
</> *University of Toronto*
GITHUB.COM/CSC207-UOFT/COURSE-PROJECT-SPHERICAL-MIRACLE
📅 *Oct 2021 - Dec 2021*

- Designed and developed an app to create workout schedules for the week using **Java**, following **Clean Architecture** rules
- Implemented **design patterns** for classes with similar structures or implementations for program scalability
- Effectively **communicated** and **coordinated** with the team to split up the work and when they should be completed

Education

University of Toronto, St. George Campus
📍 *Toronto, ON*
CANDIDATE FOR B.SC. IN COMPUTER SCIENCE AND COGNITIVE SCIENCE
📅 *Sep 2020 – Ongoing*

- **Cumulative GPA:** 3.7/4.0, 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
📍 *Toronto, ON*
ACTIVITY SUPERVISOR
📅 *June 2018*

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