

Piروز Seyf Askari Barkoosaraei

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Education

University of Toronto, St. George Campus

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND COGNITIVE SCIENCE

Toronto, ON

Sep 2020 – Jun 2024

- Relevant Coursework: Programming on the Web, Software Design, Software Tools & Systems Programming
- Awards and Activities: 2020-2021 Dean's List, Boxing Club, Recognized Study Groups

Experience

Nuance Communications @ Microsoft

FRONT-END DEVELOPMENT INTERN

Montreal, QC

Sep 2022 – Dec 2022

- Contributed to the development of an internal employee website utilizing **JavaScript** and the **React** framework.
- Practiced **agile development** methods as part of a collaborative team using the **SCRUM** framework, providing regular progress updates during sprints and **collaborating** with colleagues to overcome obstacles.
- Mediated **version control** and streamlined development using **Jira** and **Git**, seamlessly merging with the main build.

Equifax Canada

JUNIOR QUALITY ENGINEER

Toronto, ON

May 2022 – Aug 2022

- Executed tests using **Microsoft Excel** and **Postman** to confirm the successful migration of data to a cloud database.
- Participated in the **quality assurance** and control process throughout the **Software Development Lifecycle** (SDLC).
- **Diagnosed** and reported problems found when syncing data with a high degree of accuracy (typically **90-95%**).

Bia Neuroscience

SOFTWARE DEVELOPER

Remote

Feb 2022 – Apr 2022

- Created a **cross-platform** mobile app using **Expo**, **React Native**, and **NativeBase** to optimize workflow.
- **Collaborated** with programmers and UI/UX designers to develop app pages, with **95%** accuracy to their design.
- Implemented **Firebase** authentication features, enabling secure **user authentication** for the application.

Projects

Smart Checkout

GITHUB.COM/PIROOZB/SMARTCHECKOUT

Microsoft Hackathon

Sep 2022

- Led the development of Smart Checkout using **React Native** and **CSS**, enabling shoppers to scan items for purchase.
- Ensured a **seamless user experience** by implementing the app's UI according to a Figma design with **90%** accuracy.
- **Coordinated** with a team to identify appropriate software tools and devised a UML diagram for solution planning.

FatBite Workout App

GITHUB.COM/CSC207-UOFT/COURSE-PROJECT-SPHERICAL-MIRACLE

University of Toronto

Oct 2021 - Dec 2021

- Developed a **Java**-based workout scheduling app with **Clean Architecture** principles, streamlining user experience.
- Utilized **design patterns** to optimize code structure and **scalability**, resulting in effective solutions for the program.
- **Cooperated** with team members to ensure efficient workflow utilizing **Github** for version control and pull requests.

Skills

Languages & Databases

Python · JavaScript · HTML · CSS · Java · C · MongoDB · SQL · Firebase

Other Technologies

Git/Github · React · Django · Linux · Microsoft Suite · Visual Studio

Soft Skills

Agile Development · Teamwork · Problem Solving · Communication