

Khaled Saleh

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- [LinkedIn](#)
- [My Portfolio Website](#)
- [GitHub](#)

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems: Windows • MacOS

Programming: • Java • HTML • CSS • Java Script • C • Python • C# • React (in progress)

Applications: Microsoft Office: Word • Excel • PPT • Eclipse • Visual Studio Code

Languages • English |Spoken & Written| • Arabic |Spoken & Written | • Basic French.

EDUCATION

Bachelor of Engineering – Software Engineering Co-op

2021- 2025 (Expected)

Concordia University, Montreal, QC

- Member of Institution for Co-operative Education
- GPA 3.39
- Relevant Courses: Object-Oriented Programming I, Object-Oriented Programming II, Web Programming, Data Structures And Algorithms.

DEC in Pure and Applied Science

2018-2021

Dawson College, Montreal, QC

- Honor Roll Student (2018)

WORK EXPERIENCE

Software Engineering Research Assistant (Internship)

Sept 2022- Dec 2022

Healthcare Systems Research & Analysis Inc., Waterloo, ON

- Developed a **Machine Learning** model to do an ongoing analysis of patient data to detect underlying conditions
- Researched solutions for the challenges we faced and for new potential Machine Learning algorithms to use for our model.
- Built Machine Learning models using different algorithms (Mainly **Artificial Neural Network**) on Google Colab using **Python**.

Core Competencies: Time Management, Communication, Teamwork, Organization, Working under Pressure

PROJECTS

Career Service Application (In progress)

2023

Concordia University, Montreal, QC

- Led a team of 6 developers in the design and development of a comprehensive job application website.
- Implemented new features and functionalities such as **employer job posting**, client job application, and resume management.
- Utilized **Agile** methodologies to manage project timelines and deliverables, ensuring the project was completed on time.
- Utilized technologies such as **React** for the front end, **Node.js** for the back end, and **MongoDB** for the database to develop the website, providing an intuitive and user-friendly experience.

Hand-Controlled Flight Simulator ([Github](#))

2023

ConUHacks Hackathon (CAE Sponsored Challenge **Winners**)

- Collaborated with a team of 4 to design and program a flight simulator controlled by hand gestures.
- Co-programmed the physics-based controller using Unity's rigid bodies and physics system.
- Co-designed the environment using Unity's terrain tools and implemented a scene manager to respawn the plane, control sounds and VFX.
- Used: **Unity, Python, and C#**

Snake and Ladder ([Github](#))

2022

Concordia University, Montreal, QC

- Created the simulation of the snake and ladder game using **Java** which strengthened my skills in **object-oriented programming**.
- Sorting the players in order and determining their turns improved my understanding and skills in arrays.
- Created a **user interactive game** where the user can input the number of users and determine the name of these users. The game will display the name of the winner at the end of the game.

Grocery Website (Full-Stack)

2022

Concordia University ([Website](#))

- Led a team of 6: Organized meetings, delegated tasks, and helped teammates debug.
- Implemented the entire user list on the back store page and also validate the users.
- Created fully responsive pages
- Used: **HTML, CSS, Bootstrap, JavaScript, and PHP**

Core Competencies: Leadership, Critical Thinking, Adaptability, Problem Analysis , Problem-Solving, Communication

ADDITIONAL WORK EXPERIENCE

Multifunction Support (Aide- Serveur)

Sept 2022– Present

La Cage , Lasalle, QC

- Customer service skills to interact with customers.
- Handled customers' requests on orders/ returns and any further questions
- Familiarized with the methods and regulations regarding food production and service

Cook

Sept2019- Sept2022

Vieux-Port Steakhouse, Montreal, QC

- Maintained a good working environment by implementing teamwork and having good communication skills with co-workers.
- Formulated immediate solutions to sudden issues that occurred during workflow by the ability to work under pressure.
- Prioritized coordination with the other co-workers.

VOLUNTEER WORK

Position Title Volunteer Helper

Sept 2016

Life Makers Egypt, Banha, Qalyubiya, Egypt

- The organization was meant to help poor people and provide them with goods and food, and help them to have a better life. My job in the organization was to help in the distribution of the goods.

INTERESTS

Experience Abroad

By visiting Germany, my admiration for art flourished as I visited the Städel museum.

Sports

I played basketball in Egypt in my school team and a professional club (2014-2017)

We got 2nd place in 2016 in the school's cup. We got the 3rd in 2017.

Passions

I love to help others. I also love to self-improve and try to get better.