

Khaled Saleh

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

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems: Windows • MacOS

Programming: • Java • Python • C# • C++ • React • Java Script • HTML • CSS • C

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 the Institution for Co-operative Education
- GPA 3.47
- 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

- Honour 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.
- Conducted a comprehensive analysis of emerging Machine Learning algorithms for our model; identified and proposed the implementation of 3 new algorithms which increased accuracy by 15% and reduced processing time by 30%.
- Built and trained Machine Learning models using a variety of algorithms, with a particular focus on Artificial Neural Networks, using Python on Google Colab.

Core Competencies: Neural Network, Machine Learning Algorithms, Time Management, Communication, Teamwork, Organization, Working under Pressure.

PROJECTS

Spacecraft Shooting Game ([Github](#))

2023

Personal Project

- Collaborated with a partner to design and develop a C++ spacecraft shooting game using the SFML library.
- Designed and implemented interactive gameplay features, allowing for an engaging and immersive user experience.
- Utilized SFML's built-in graphics and audio modules to create visually stunning graphics and sound effects.
- Successfully integrated user input and gameplay mechanics to create a seamless and enjoyable gaming experience.

Career Service Application (Jobify) ([Github](#))

2023

Concordia University, Montreal, QC

- Led frontend development efforts in a six-person team that designed and developed a comprehensive job application web app, ensuring high-quality code.
- Developed key frontend components including SignIn/SignUp, Edit Profile, and Application pages, and implemented the API to establish seamless communication between frontend and backend systems.
- Utilized Agile methodologies to manage project timelines and deliverables, resulting in on-time project completion.
- Utilized technologies such as React, Node.js, and MongoDB to develop the website, providing users with an intuitive and user-friendly experience.

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

2023

ConUHacks Hackathon (CAE Sponsored Challenge Winners (1st place))

- Collaborated with a team of four to conceptualize, design, and program a flight simulator that could be controlled through hand gestures.
- Programmed the physics-based controller using Unity's rigid bodies and physics system, ensuring the simulator's movements were accurately simulated.
- Designed the environment using Unity's terrain tools and implemented a scene manager to optimize the user experience, including respawning the plane and controlling sounds and visual effects.
- Utilized Unity, Python, and C# to develop the flight simulator, delivering an engaging and interactive experience for users.

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

- Provided exceptional customer service, handling customer inquiries, orders, and returns with professionalism and care.
- Demonstrated knowledge and understanding of food production, service methods, and regulations, ensuring compliance with established standards and guidelines.
- Contributed to a welcoming and friendly atmosphere for customers, maintaining a professional and courteous demeanour at all times.

Cook

Sept2019- Sept2022

Vieux-Port Steakhouse, Montreal, QC

- Proven ability to work well under pressure, quickly formulating effective solutions to unexpected challenges during the workflow.
- Prioritized coordination with other team members, ensuring the smooth and efficient operation of the restaurant.

VOLUNTEER WORK

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

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 also love to self-improve and try to get better. Also love to learn and experience new things whenever I have a chance.