



Ricardo Raji Chahine

Website: ricardochahine.com

Email: Ricardochahine0@gmail.com Phone: +1 514 516 5383

LinkedIn: www.linkedin.com/in/ricardorajichahine GitHub: [RickyC0](#)

EDUCATION

Concordia University, QC

(Fall 2022 – Summer 2026)

Bachelor of Computer Science and Minor in Philosophy - (CGPA 3.85)

- **Student Leadership:**
 - **Space Concordia** – Robotics Team (2025)
 - ConUHacks IX Hackathon - **5th out of 180** (2025)
 - **IEEE Concordia** – Projects Director (2024)
- **Honors:**
 - In Course Bursary (2024-2025)
 - Dean's List (2023-2024)
- **Courses:** Data Structures & Algorithms (A+), Operating Systems (A), Object Oriented Programming (A), Deep Learning (TBD), Networking (TBD), Embedded Systems (TBD)

WORK EXPERIENCE

Concordia University, QC

(Fall 2025)

Teaching Assistant for SOEN 342 Software Requirements and Deployment (4 credits)

- **Marking** assignments and projects.
- Maintained **good communication** flow with the Professors.
- Kept track of **students' progress**.

Alithya, QC

(Fall 2024)

Oracle Consultant Intern (French & English)

- Integrated **Oracle Fusion** for Québec's Health Ministry.
- Gained insights into the Analyst role, performing **Tests, Integration and Optimizations**.
- Acquired practical experience in the **Agile methodology**, utilizing tools such as MS Project and Jira.
- Created and presented **reports to VPs and project manager**.
- Got a **return offer**.

La Grande Roue de Montréal, QC

(Summer 2022 – Summer 2025)

Wheel Operator (French & English)

- Worked with **real-time systems**.
- Intense and fast-paced work environment within a **team-oriented setting**.
- Fostered **active communication** with my pair operator and the clients.

PROJECTS

My Personal Website

(Summer 2025)

- **Phaser Framework:** Used Phaser, a **web game development kit** to build the game mechanics.
- **Homemade design:** All of the maps and some sprites were **designed and made by me on Tiled**.
- **Portfolio Website:** You will find more info about my projects there.



Concordia 3D Virtual Tour - ConUHacks Hackathon - (Team of 4) - 5th Place out of 180 (Winter 2025)

- **Rapid Web Optimization:** Identified and implemented a **critical improvement** to the University's website within 24 hours, **significantly enhancing user experience**.
- **Virtual Tour Transformation:** Revamped Concordia's static virtual tour into a **fully traversable 3D experience**, elevating engagement and accessibility.
- **High-Performance 3D Rendering:** Implemented **3D Gaussian Splatting** to render rooms and buildings at **120fps**, achieving superior visuals and smooth interactivity.
- **AI Chatbot:** Integrated an AI chatbot via the **Hugging Face API** to deliver real-time information, for better UX.

RC Car - IEEE Club Concordia - (Team of 8) (Summer 2024)

- **Innovative Team Collaboration:** Worked a **multidisciplinary team of engineers** to build an innovative and fun project.
- **Remote-Controlled Innovation:** Engineered a **remote-controlled car** using Arduino ESP32 with wireless communication, resulting in superior responsiveness.
- **Immersive Navigation Integration:** Integrated an **FPV camera with VR headset** control to create a navigation system that improved real-time situational awareness.
- **AI-Driven Tracking:** Implemented an **AI face tracking camera**.

Dungeons and Dragons - C++ Game Development - (Team of 4) (Winter 2024)

- **Comprehensive RPG Development:** Developed a **single-player role playing game** with a campaign, music, levels, enemies, and player progression
- **Robust C++/SFML Implementation:** Game built using C++ and the SFML framework to deliver a **seamless GUI experience**.
- **Advanced Gameplay Enhancements:** Applied design patterns and algorithms to **improve NPC behavior** and overall gameplay dynamics.
- **Interactive Map Creation:** Implemented a **user-driven map creation** menu to enable custom level design.

TECHNICAL KNOWLEDGE

Software & Tools:

VS Code | Oracle Fusion | Excel | MS Project | Jira | Docker | OpenCV | Maple | Wireshark

Programming Languages:

Java | C | C++ | JavaScript | PHP | Python | SQL | MARIE Assembly

Technical Proficiencies:

CI/CD Pipelines | Multithreading | Relational Databases | REST API

Languages:

French (Fluent) | English (Fluent) | Arabic (Fluent) | Spanish (Beginner)

ADDITIONAL TRAINING

Udemy: OpenCV with Python, Cybersecurity, Git & GitHub, Jira

COOP Training Program: Excel