

GIULIANO VERDONE

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[LinkedIn](#) • [GitHub](#) • [Website](#)

SUMMARY OF SKILLS AND QUALIFICATIONS

Operating Systems | Windows 7 • Windows 8 • UNIX • Linux • Ubuntu

Applications | Trello • XAMPP • Git • Microsoft Office 365 • JetBrains IDEs • Eclipse • Visual Studio • Android Studio

Programming | Java • C# • Python3 • PHP • JavaScript • HTML • CSS • MySQL • Dart • C • Erlang • Clojure

Platforms and Frameworks | React • Oracle • JavaFX • Vite • Flutter • Firebase

Other | Agile • Scrum • LaTeX • VS Code • GitHub • 3D Modeling with Blender • Valid driving permit

Languages | French | Spoken & Written • English | Spoken & Written • Italian | Spoken

EDUCATION

Bachelor of Engineering – Software Engineering

2022 - 2026 (Expected)

Concordia University, Montreal, QC

- Relevant Courses: Object-Oriented Programming, Web Programming, Data Structures and Algorithms, Principles of Programming Languages

DEC in Computer Science and Mathematics

2020 - 2022

Vanier College, Saint-Laurent, QC

- Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming, Programming in a GUI

PROJECTS

FullStack AquariumGPT Chatbot | [\[GitHub Repository\]](#)

May 2023 - May 2023

- Built a custom chatbot powered by OpenAI's GPT API to provide comprehensive information and answer questions related to the saltwater/freshwater aquarium hobby, enhancing user engagement and satisfaction
- Utilized React with Vite to create a user-friendly frontend interface for aquarium enthusiasts
- Implemented a Node.js backend, enabling real-time responses and efficient retrieval of information
- Developed a responsive design for the chatbot UI, ensuring accessibility across devices and screen sizes

Core Competencies: Full-stack development, API integration, User interface design, Server-side development

Reef Aquarium Species Database v1 | [\[GitHub Repository\]](#)

Aug 2022 - Sep 2022

- Built a .NET Core REST API using that stores saltwater fish species with their respective care requirements
- Implemented the MVC design pattern to structure data neatly and efficiently
- Followed the DAO pattern for SQL data access
- Implemented a login system to allow CRUD operations/functionality on the user list

Core Competencies: Website development, Backend development, Problem assessment and analysis

Physics Simulations | [\[GitHub Repository\]](#)

Jan 2022 - Apr 2022

CÉGEP Coursework: 4-month long capstone project | Vanier College, Saint-Laurent, QC

- Built a JavaFX application in a team of 4, delegated tasks, fixed bugs, and organized meetings
- Created mockups and concepts, designed app layout with CSS, wrote documentation from start to finish
- Implemented mathematical calculations / formulae of physics concepts related to standing waves
- Final overall grade for this class: **100%**

Core Competencies: Desktop app development, Critical thinking, Problem assessment and analysis, Adaptability

WORK EXPERIENCE

Student Border Services Officer

May 2022 – Jan 2023

Canadian Border Services Agency, Saint-Laurent, Quebec

- Ensured Canada's security and prosperity by facilitating and responsibly overseeing international trade at mail processing centers in Saint-Laurent, Quebec

Core Competencies: Critical thinking, problem assessment and analysis, decision-making, teamwork, communication

PROFESSIONAL ASSOCIATIONS

Vice President of Communications

Apr 2023 – Present

Software Engineering and Computer Science Society (SCS), Concordia University

- Responsible for managing the organization's primary email account and maintaining regular correspondence with key corporate partners and industry professionals

Core Competencies: Leadership, teamwork, oral and written communication

Director of Communications

Jan 2023 – Apr 2023

Software Engineering and Computer Science Society (SCS), Concordia University

- Transcribed executive meetings and crafted the society's weekly newsletter

Core Competencies: Teamwork, oral and written communication

VOLUNTEER WORK

Member of Vanier MedLife

Oct 2021 - Dec 2021

Vanier College, Saint-Laurent, QC

- Worked with Welfare Avenue to identify areas of need and distribute food to homeless individuals and families

INTERESTS

Passions

Reading, fitness, and fishkeeping