Abdoul Salma

(437)-299-7892 | LinkedIn | Email | Github

EDUCATION

Bachelor of Science, Computer Science (Co-op) *Ontario Tech University* | **Sept 2024 - May 2029**
Relevant courses: Data Structures & Algorithms, Software Design and Analysis, Software Systems Development and Integration, Discrete Mathematics for Computer Scientists.

PROJECTS

QuestLog | *JavaScript, Python, HTML, CSS* Github

- Developed a **full-stack video game tracking and discovery web application** that integrates external APIs to enable real-time global game searches and personalized user library management.
- Engineered a **responsive, dynamic frontend** using vanilla JavaScript, HTML5, and CSS3, establishing a seamless and highly interactive user interface for over 5 contributors.
- Integrated the complex **IGDB API asynchronously** on the client side, enabling real-time global game searches, immediate data retrieval, and smooth dynamic rendering of high-quality cover art.
- Implemented **customizable user profiles** with client-side state manipulation, allowing users to dynamically update display names, bios, and personalize avatar images.

CashFlow | *Python, SQL* Github

- Engineered a **modular desktop financial management application** designed to track personal expenditures.
- Developed a modular desktop application using Python and **PyQt6** for the user interface, integrated with an **SQLite backend** for persistent data storage.
- Engineered comprehensive **database logic** to perform data operations, including automated table initialization and prepared **SQL** queries to fetch, insert, and delete records by unique IDs.
- Enhanced **user experience (UX)** by implementing custom **stylesheet styling for UI components** and integrating form validation with interactive warning and confirmation dialogs.

WORK EXPERIENCE

Kunafa's | *Laborer* *Ajax, ON* | **June 2024 - December 2025**

- Maintained consistent pace during busy periods, demonstrating strong time management and ability to work in a fast-paced environment.
- Collaborated with team members to ensure smooth workflow and timely service.

Crown Pastries | *Customer Service Associate* *Ajax, ON* | **December 2025 - Present**

- Provided customer service by taking orders and handling transactions in a fast-paced environment.
- Communicated clearly with customers and team members to ensure accurate and efficient service.

LEADERSHIP & ENGAGEMENT

Pickering FC | *Assistant Soccer Coach (U10)* *Pickering, ON* | **December 2021 - March 2022**

- Communicated instructions clearly and adapted coaching style to suit different learning needs.
- Promoted a positive, inclusive environment while collaborating with coaches to support team goals.

2525 RCACC | *Army Cadet* *Pickering, ON* | **October 2022 - June 2024**

- Fostered discipline and responsibility by following strict protocols and completing assigned tasks.
- Improved problem-solving skills through practical challenges and field exercises.

SKILLS

- **Programming Languages**: Java, Python, C++, HTML, CSS, JavaScript, SQL, Assembly.
- **Tools & Technologies**: Git, Linux, Jupyter Notebooks, Github, Visual Studio Code, Intellij IDEA, JSON, XML, Microsoft 365 Suite (Word, PowerPoint, Teams, SharePoint, PowerApps).
- **Frameworks & Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Tkinter, PyQt6.
- **Databases & Concepts**: Relational Databases (SQLite), CRUD Operations, Object-Oriented Programming (OOP), Schema Design.
- **Soft Skills:** Adaptability, Teamwork, Leadership, Problem-Solving, Analytical Thinking, Time Management, Communication.