Matthieu Laurin

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PROFESSIONAL SUMMARY

Software engineering student at ÉTS with a growing interest in Artificial Intelligence and Cybersecurity. Hands-on experience in software development, entry-level cybersecurity, and interactive applications. Skilled in full-stack programming, automation, optimization, and collaborative projects. Recognized for adaptability, strong problem-solving abilities, and delivering impactful projects through NDA-protected internships, IT work for 150+ clients and published multiplayer experiences.

EDUCATION

Software Engineering bachelor's degree   **2023 - …**
École de Technologie Supérieure (ETS)   Montreal

DEC Computer science and mathematics   **2021 - 2023**
Cégep Lionel Groulx   Sainte-Thérèse

WORK EXPERIENCE

Software Engineering Intern   **May 2025 – September 2025**
Eva-Technologies

- Built a dedicated **test environment** for prototyping, streamlining supervisor review and deployment to QA/production servers
- Refactored analytics tools with **step-by-step loading and caching**, reducing failures and cutting average page load to **2.71s** even on low-end machines
- Partnered with a cybersecurity consultant to apply **Microsoft SDL practices**, shadow vulnerability assessments, and expand knowledge through **CISSP network fundamentals**.
- Created a secure **bulk email system** with role-based delivery, custom signatures, and injection-safe database integration.

IT Support   **May 2020 – January 2025**
Correctional Service Canada

- Provided daily IT support to a fleet of **150+ users**, including executives
- Optimized day-to-day tasks across multiple departments using **scripts and automations**
- **Documented procedures** and troubleshooting guides to make IT services easier to access
- Prepared and deployed new equipment ranging from **computers to Fortinet firewalls** for various needs
- Developed proficiency with **Active Directory, Azure, Office 365**, and network-related software

Sales Advisor   **October 2021 – April 2022**
BestBuy

- Assisted customers in identifying the right technology solutions for their needs while explaining technical specifications in accessible terms to clients with different backgrounds
- Collaborated with a team of 15+ advisors to meet or exceed monthly sales objectives
- Strengthened communication and interpretation skills by working with diverse clients in a fast-paced environment

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PROJECTS

Roblox Game Development | Lua, Luau, Agile teamwork, Data management　　　**August 2025 – September 2025**

- **Designed, coded, and optimized** three multiplayer Roblox experiences, including **Slap Tower Game** (160k visits) and two upcoming titles.
- Led **game design, monetization systems, data management architecture, and infrastructure optimization**, ensuring smooth performance for thousands of players.
- Implemented **economy systems, progression loops and secure server-client networking** using Luau scripting and the Roblox API's
- Practiced **Agile Development**, providing progress reports, delegating across team roles and balancing long-term planning with iterative testing.

Eva-Technologies – Secure Data & AI Prototype | SQL, Caching, Python　　　**July 2025 – August 2025**

- Built a **side-loading and caching system** to handle **2M+ database rows**, chunk-loading data into webpages while keeping load times under 3s on low-end machines.
- Implemented **SQL injection–safe queries** and **network-secure communication protocols**, ensuring compliance with Microsoft SDL practices.
- Prototyped a **machine-learning sentiment analysis tool**: trained on multilingual movie dialogue datasets to evaluate client–company satisfaction (scored 0–1).
- Optimized a secure **web dashboard** to visualize analytics with near-zero latency, while protecting API endpoints against misuse.

Plan-A-Ton (In progress) | Swift, React native, AI Integration　　　**June 2025 – …**

- Designed a cross-platform productivity app (iOS, macOS, Windows) to **sync tasks and deadlines** across devices.
- Architected future integration of a **machine-learning scheduling assistant** (ChatGPT/Gemini API), capable of prioritizing workloads based on due dates and user habits.
- Implemented **task-sharing and syncing features** while planning advanced roadmap for AI-assisted productivity.

TECHNICAL SKILLS

Languages | Python, JavaScript, Java, C/C++, C#, MySQL, PostgreSQL, Assembly, Grafcet, Windows PowerShell, PHP, Oracle, Swift, Swift UI, Lua, Luau, Html, CSS, typescript.

Developer Tools | Git, Gitlab, GitHub, Docker, Visual Studio Code, Eclipse, PlantUML, Trello, Obsidian, Notion, IntelliJ Idea, Xcode, neo vim, Roblox studio, Unity3d, VirtualBox, Burp Suite, Wireshark, Metasploit, Electron, GNU Debugger.

Frameworks & Libraries | Bootstrap, TensorFlow, jQuery, React, Bootstrap, Flask, PHP-Mailer