

# Jaeden Rotondo

## Software Developer and Computer Science Graduate

647-898-9695

Montreal, Canada

[jaeden@rotondo.dev](mailto:jaeden@rotondo.dev)

LinkedIn: [JaedenRotondo](#)

Hi! I'm Jaeden, a Software Developer and Computer Science graduate from Concordia University specializing in full-stack development. I drive innovation through technical excellence, having implemented critical security solutions and developed performance-enhancing features that directly impact business outcomes.

## EDUCATION

### Concordia University - Bachelors of Computer Science (2020-2025)

- Artificial Intelligence: Neural networks, knowledge representation, and ML algorithms, Genetic learning, Natural Language Processing (NLP).
- Intelligent Systems: Multi-agent systems, chatbots, and AI Pipelines, Natural Language Processing (NLP).
- Computer Networks: TCP/IP, wireless networks and security, development in Python, streaming application algorithms.

## PROFESSIONAL EXPERIENCE

### Full Stack Developer Intern at Flexspring (8 Months - 2024)

- Implemented and maintained a React/Spring web application using TypeScript and MongoDB, delivering key components 2 weeks ahead of schedule
- Created a Google Analytics React hook that reduced tracking implementation time by 90%, now adopted as a company standard
- Implemented two critical cybersecurity fixes in user creation that protected from cross-site scripting attacks
- Engineered a dynamic React table component with server-side processing that improved data loading speeds by 60% for large datasets

### Technical Writing Intern at Matrox Imaging (4 Months - 2022)

- Authored comprehensive User Guide and API Documentation for the barcode scanning module based on internal documentation and SME interviews.
- Collaborated with the engineering team to translate complex technical concepts into clear documentation.
- Created internal Confluence documentation to standardize practices within the team.

## PROJECTS

### CollabTeX - Collaborative LaTeX Editor - [Live Site](#) - [Github](#) - [Blog Post](#) (June 2025)

- Designed and developed a peer-to-peer (P2P) collaborative text editor that supports LaTeX compilation services and PDF previewing. Written in TypeScript and Python.
- Leveraged Docker spawn builds, CRDTs for P2P collaboration, SQLite Database, IndexDB, SvelteKit.

### Multi-Agent Chatbot - [Github](#) - [Blog Post](#) - [Demo Video](#) (April 2025)

- Implemented LangChain for memory management with context retention over extended conversations.
- Intelligent Multi-Agent GPT and interface created with Python, Ollama.

### 7+ Hackathon Projects including [ResQLens](#), [StudyBudy](#) (ConUHacks) and [CodeRunner](#) (McHacks)

## SKILLS

- **Frontend:** Typescript, Javascript, HTML/CSS, React, Tanstack Query, Svelte, Tailwind CSS, MUI
- **Backend:** Python, Java, Springboot, SQL, Database Management, REST API, network architecture
- **Devops:** TCP/IP, Linux, Docker, Network Protocols, Auth 2.0, Jenkins, Secrets Management, Bash
- **Other:** Technical Writing, UI/UX Design Principles, Neural Networks, Prompt Engineering, LLM Integration
- **Languages:** English, French (B1), Arabic (A2)