

SRIJAN RAVISANKAR

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📍 Thunder Bay, ON

EDUCATION

Lakehead University

Honors Bachelor of Science in Computer Science

Thunder Bay, ON

Expected Graduation: June 2027

- CGPA: 85.000

- Relevant Coursework: Software Engineering, Relational Databases, Data Structures, Cloud Computing, Computer Networks, Computer Security, Operating Systems, Data Science

PROJECTS

Memento | [Release](#) | [Source Code](#)

May 2025 – July 2025

JavaScript, React.js, Python, FastAPI, SQLAlchemy, SQLite

- Built a modular full-stack flashcard app using React.js and FastAPI with FSRS-based spaced repetition and AI flashcard generation via OpenRouter
- Ensured robust data handling (Pydantic, SQLAlchemy, SQLite) and released installable binaries through GitHub Releases for public usage

Ciphersonic | [Source Code](#)

February 2025 – April 2025

Python, Flask, GGWave, PyCryptodome

- Built an end-to-end encrypted communication app using GGWave sound transmission, Flask and HTML/CSS for seamless, internet-independent messaging
- Implemented RSA/AES encryption with PyCryptodome for secure key exchange and real-time audio data protection

Minecraft Study | [Source Code](#)

October 2024 – December 2024

Python, Jupyter Notebook, tidyverse, ggplot2, tidymodels

- Analyzed Minecraft player behavior across experience, age, and gender using Python, tidyverse, and ggplot2, revealing engagement and participation trends
- Created interactive Jupyter Notebook reports with clear visualizations to communicate insights and guide data-driven recommendations

EXPERIENCE

Global Ambassador

October 2025 – Present

Lakehead University

Thunder Bay, ON

- Appointed Global Ambassador at Lakehead University, promoting diversity and student engagement through marketing, outreach, and cross-cultural initiatives.

CERTIFICATIONS

Boot.dev Certifications

[Linux Certification](#) | [Certificate](#)

[Git Certification](#) | [Certificate](#)

[Docker Certification](#) | [Certificate](#)

[Kubernetes Certification](#) | [Certificate](#)

TECHNICAL SKILLS

Languages: Python, JavaScript, Golang, PostgreSQL, HTML/CSS, MongoDB

Developer Tools: Azure, Kubernetes, Docker, Git, Linux, Postman

Libraries/Frameworks: ReactJS, NodeJS, FastAPI, Flask, TailwindCSS, MUI