

Sooraj Krishnamoorthy Manikandan

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EDUCATION

McMaster University

Bachelor of Applied Science in Computer Science, Minor in Business

Hamilton, ON

Expected Graduation - May'27

EXPERIENCE

Cybersecurity Intern (Co-op)

CGI Inc.

May 2025 – Aug 2025

Hybrid

- Performed real-time monitoring and triage of security alerts using QRadar, identifying and escalating potential threats in alignment with standard operating procedures.
- Conducted first-level investigation by analyzing logs, filtering false positives, and classifying incidents to support efficient response.
- Documented alerts and incident details accurately, ensuring smooth handover to L2 analysts and maintaining compliance with SOC protocols.

PROJECTS

Life-Link-Live

November 2025

- Designed and developed an emergency response web application to assist users during natural disasters such as earthquakes and tsunamis
- Focused on rapid accessibility and clear user flows to help users quickly access critical information and emergency resources under high-stress conditions

MacFind

November 2025

- Developed a frontend-only lost and found web application for McMaster University users to post and browse lost or found items
- Applied human-centered design principles and usability heuristics to create an intuitive and accessible interface as part of a Human-Computer Interaction course

AuxiHelper

January 2025

- Designed and developed a platform that streamlines how users connect with service providers by interpreting user-reported problems and matching them with relevant, effective service solutions
- Implemented AI-driven recommendations using Cohere APIs and Google Cloud Vision to analyze files, providing intelligent matching and improving user experience

Flip The Block (Memory Game)

April 2024

- Developed a fully interactive memory game using the ELM programming language
- Designed gameplay to help detect bradykinesia and cognitive impairment, symptoms associated with Parkinson's Disorder

Sudoku Solver

April 2024

- Built a Sudoku solver in C using a backtracking algorithm to efficiently solve puzzles of varying difficulty
- Demonstrated strong algorithm design, problem-solving skills, and optimized computational logic

CERTIFICATES & TECHNICAL SKILLS

Certifications: Data Analysis with Python, Intro to Machine Learning, Career Essentials in Cybersecurity, *CompTIA Security+ (In Progress)*

Languages: Python, ELM, Haskell, C, Java, SQL, Javascript, HTML/CSS

Libraries: NumPy, pandas, Matplotlib

Tools: VS Code, PyCharm, Eclipse, PowerBI, Tableau, IBM QRadar, VirusTotal, MetaSploit, Wireshark

Awards: Class of 1956 50th Anniversary Scholarship for maintaining a 4.0 GPA, 2024