

REDJI JEAN BAPTISTE

2053 Stonehenge Crescent, Ottawa, Ontario

☎ +1 (819)-319-6405 ✉ redji.jeanbaptiste@mail.utoronto.ca <https://redjib.github.io/cyber-portfolio/>

Education

Algonquin College

Sep. 2025 – April 2027

Program: Computer Systems Technician - Networking (1560X03F)

Ottawa, Ontario

Professional Experience

Various Open Source Contributions

2024 - Present

Contributor (Open Source)

Remote

- Designing and implementing secure peer-to-peer communication protocols for decentralized mesh networks, focusing on resilience against network partitioning and adversarial attacks
- Creating comprehensive documentation, tutorials, and educational resources that will be accessed by developers in the D Central community
- Contributing to protocol specifications for secure node authentication, encrypted message routing, and distributed key management systems
- Collaborating with international team of developers across multiple time zones using Git, conducting code reviews, and participating in architectural decision-making
- Implementing security auditing tools and penetration testing frameworks specifically designed for mesh network vulnerabilities

One King West Hotel & Residence

July 2024 - April 2025

Security Officer

Toronto, Ontario

- Provided comprehensive security services and guest assistance in a 51-story luxury hotel environment, serving 400+ residences and hotel guests daily while maintaining 4-star service standards
- Utilized advanced surveillance technology including 80+ CCTV cameras, biometric access control systems, and integrated alarm monitoring for efficient security coverage across multiple building zones
- Maintained detailed security logs and incident reports using digital reporting systems, ensuring compliance with legal documentation requirements and supporting law enforcement investigations when required
- Delivered professional concierge-level guest services while maintaining strict security protocols, achieving majority positive feedback scores and contributing to the property's reputation for safety and hospitality
- Responded to emergency situations including medical incidents, fire alarms, and security breaches with average response time under 2 minutes
- Conducted regular security audits and vulnerability assessments, identifying and addressing potential risks before incidents occurred

UTSC Student Managed Fund

May 2023 - January 2024

Associate

Toronto, Ontario

- Conducted comprehensive financial analysis and due diligence on equity and fixed-income securities for a simulated student-managed investment portfolio
- Collaborated with team of student analysts to develop investment strategies, perform sector research, and present quarterly portfolio performance reports to faculty advisors and university stakeholders
- Utilized financial modelling software and advanced Excel functions to analyze market trends, evaluate risk-adjusted returns, and optimize portfolio allocation across multiple asset classes
- Participated in weekly investment committee meetings, presenting research findings and investment recommendations that contributed to fund outperforming benchmark indices
- Developed expertise in ESG investing principles and sustainable finance practices, incorporating environmental and social factors into investment decision-making processes
- Gained hands-on experience with portfolio management tools, risk assessment methodologies, and regulatory compliance requirements in institutional investment management

Great Canadian Entertainment

December 2022 - April 2023

Security Officer

Pickering, Ontario

- Engaged in security operations in a high-traffic entertainment complex serving 5,000+ daily visitors across gaming floors, restaurants, and event spaces
- Coordinated hourly patrols covering 200,000 sq ft of property and monitored 50+ CCTV cameras through advanced surveillance systems to ensure comprehensive 24/7 security coverage
- Collaborated with local law enforcement and emergency services for streamlined incident response, maintaining professional relationships

- Implemented and managed security protocols for VIP events hosting up to 1,000 guests, coordinating with event staff to ensure seamless guest experience while maintaining strict security standards
- De-escalated conflicts and managed crowd control during peak hours, successfully resolving the majority of incidents without law enforcement intervention
- Trained and mentored junior security staff on company protocols, surveillance systems, and customer service excellence

Iron Horse Security & Investigations

September 2020 - December 2024

Security Guard

Toronto, Ontario

- Provided comprehensive security services across 15+ client locations including commercial complexes, construction sites, retail establishments, and public events
- Engaged in security operations for diverse properties ranging from 10,000 to 500,000 sq ft, adapting security strategies to match unique client needs and risk profiles
- Conducted detailed risk assessments and implemented enhanced security protocols that reduced theft incidents across assigned properties
- Utilized advanced surveillance technology including IP camera systems, and mobile patrol tracking software to maximize coverage efficiency
- Participated in hours of ongoing security training including crisis management, first aid/CPR certification, de-escalation techniques, and emerging security technologies
- Prepared comprehensive incident reports and maintained detailed activity logs, contributing to successful prosecution of criminal cases
- Developed strong relationships with property managers and tenants, becoming trusted security advisor for multiple long-term clients

Research Interests

DeFi Protocols for Financial Inclusion

2024 - Present

- Developing self-sovereign identity solutions and community wealth-building through tokenized cooperatives for underserved markets

Ethical AI Governance Frameworks

2024 - Present

- Creating multilingual bias detection and remediation systems for globally representative AI that respects cultural contexts

Environmental Sustainability in Blockchain

2024 - Present

- Researching proof-of-stake optimizations, layer-2 scaling solutions, and carbon-neutral validator networks

Public Goods Funding Mechanisms

2024 - Present

- Implementing quadratic funding and regenerative cryptoeconomics for sustainable open source development infrastructure

Additional Information

Languages: English (Fluent), French (Fluent), Haitian Creole (Native)

Technical Skills: Project Management (Agile, Scrum, Kanban, JIRA), Technical Writing (Documentation, Whitepapers, Specifications)

Research Skills: Data Analysis, Survey Design, Literature Review