

YVES ALIKALFIC

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EDUCATION

Queen's University <i>Bachelors of Computer Science (Honours)</i>	Expected May 2026 Kingston, ON
<ul style="list-style-type: none">• GPA: 4.11/4.3• Awards: Dean's Honour List (2021, 2022, 2023), Principal's Scholarship (2021, Top 5% of incoming class)	

EXPERIENCE

Rakuten Kobo <i>Quality Assurance Automation Engineer</i>	Sep 2024 - Aug 2025 Toronto, ON
<ul style="list-style-type: none">• Engineered a React Native reader app with Kotlin and Objective-C modules to optimize image rendering and• Boosted automated test coverage 50% on iOS/Android apps using TypeScript and Appium, developing 300+ tests• Built and integrated 3 CI/CD pipelines in GitHub Actions, reducing manual regression testing time by 40%• Created a TypeScript tool powered by Claude AI to generate and deliver real-time automation coverage reports	
CIBC <i>Cloud Technical Analyst</i>	May 2024 - Aug 2024 Toronto, ON

PROJECTS

NBA General Manager AI Agent <i>Python, LangGraph, Llama 3.1, RAG, ChromaDB</i>	github.com/yves-a/LeGM
<ul style="list-style-type: none">• Developed a specialized AI agent using LangGraph and Llama 3.1 to generate and simulate front-office trade offers, and integrated RAG with ChromaDB to validate new deals against complex NBA salary rules• Engineered a valuation engine to automate real-time trade analysis, which utilized logarithmic decay for NBA assets and provided instant trade offers through a responsive Streamlit interface for data-driven decision making	

AI Powered Resume Analyzer <i>Next.js, Java, Python, TypeScript, Docker, Qwen2.5</i>	github.com/yves-a/simple-ats
<ul style="list-style-type: none">• Developed a resume optimization tool using a Java backend and Python AI service that calculates semantic similarity scores via sentence-transformers, identifying keyword gaps between profiles and job descriptions• Integrated LLM-driven career coaching using Qwen2.5 to provide real-time advice on resume improvements and technical skill gaps, delivering personalized insights through a responsive Next.js and TypeScript interface	

CORDAX <i>TypeScript, Next.js, Python, TailwindCSS</i>	cordax.io
<ul style="list-style-type: none">• Collaborated with the engineering team to design, develop, and deploy responsive Next.js components, which contributed to a 35% reduction in page load times and resulted in a 2x increase in user demo sign-ups• Supported the transition of a legacy Python backend into a scalable, modular architecture, which streamlined the codebase for better maintainability and resulted in a 15% decrease in reported production errors	

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, MATLAB, SQL, Swift, Rust, Kotlin, Objective-C

Frameworks: React, React Native, Next.js, Expo, TailwindCSS

Technologies: Node.js, REST APIs, HTML/CSS, MongoDB, Pandas, NumPy

DevOps: Bash, GitHub Actions, Docker