

Bianca Javier

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EDUCATION

York University

BA Honours in Computer Science

Toronto, Ontario

Expected May 2028

- Relevant Coursework: Advanced Object-Oriented Programming, Computer Organization, Data Structures & Algorithms, Theory of Computation, Discrete Mathematics.
- Available for a co-op or internship term in 2027. Bilingual in English and French (DELF B2 certified).

EXPERIENCE

Student Systems Developer

Legislative Assembly of Ontario

May 2026 – Present

Toronto, Ontario

- Authored and executed QA test cases for ola.org, Ontario's public parliamentary website serving 124 MPPs and millions of citizens, validating each feature across a matrix of 6 devices, 3 browsers, and 2 languages within an Agile/Scrum team on Azure DevOps.
- Took the initiative to scope, pitch, and build a bilingual wayfinding kiosk for the Legislative Building, developing an interactive SVG floor map with a colour-blind-safe palette and keyboard navigation to meet WCAG and AODA accessibility standards.
- Set up a CI pipeline (ESLint/Prettier) that catches formatting issues before code review, and wrote onboarding documentation and a project requirements doc to bring a new teammate up to speed on the codebase.

Software Engineer

A.V Tamayo Dental Clinic

Dec 2025 – Present

Remote

- Served as the clinic's first engineer, working directly with the practice owners to turn day-to-day operational pain points into an offline-first Electron and Node.js desktop application supporting 1,000+ patient records.
- Ensured the application was dependable in a live clinical setting by designing and executing 40+ test scenarios validating UI workflows, API responses, and database transactions across the full stack.

LEADERSHIP & INVOLVEMENT

Technical Associate

AWS Cloud Club – York University

Dec 2025 – Present

Toronto, Ontario

- Helped 30+ fellow students build confidence with cloud technology by designing and delivering hands-on workshops on AWS services including EC2, S3, and serverless tools.
- Created example cloud applications demonstrating CI/CD deployment with GitHub Actions and containerized environments, giving peers a clear working reference to learn from.

PROJECTS

AI Support Ticket Triage Bot | *Python, FastAPI, Qdrant, Docker, Cloud Run*

July 2026

- Designed and built a retrieval-augmented support assistant that classifies incoming tickets across 27 intents and drafts responses with mandatory source citations, using two-stage retrieval with cross-encoder reranking.
- Made the system's escalation decisions trustworthy by replacing a raw model score with a calibrated confidence threshold, verified through reliability-curve analysis on a held-out set.

6ixAssist | *React, APIs, Vercel*

Nov 2025

- Connected users with 50+ Toronto community resources by building a responsive web application with API integration and dynamic filtering during a 24-hour hackathon.
- Collaborated with a cross-functional team of developers and designers to deliver a fully deployed application within a single 24-hour development cycle.

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C++, SQL

Web Development: React, Next.js, Node.js, Express.js, REST APIs, HTML, CSS, Drupal, PHP

Tools: Git, Docker, CI/CD, JIRA, Azure DevOps, BrowserStack, Chrome DevTools

Infrastructure: AWS, Google Cloud Run, Linux, Cloud Deployments

Concepts: Agile/Scrum Development, Software Testing, Object-Oriented Programming, WCAG & AODA Accessibility Standards