

# John Miguel Borillo

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## EDUCATION

### Sheridan College

Third year - Software Development & Network Engineering

Oakville, ON

Class of 2026

- **GPA:** 3.59/4
- **Relevant Coursework:** Java, Object-Oriented Programming and Design Fundamentals, HTML, CSS, JavaScript, PHP, 8086 assembly, UI/UX, AWS, Data Communications & Networking, Linux/UNIX Operating Systems, Database Desing & Modeling

## PROFESSIONAL EXPERIENCE

### World Vision Canada

Research & Software Developer Intern

Mississauga, ON

September 2024 – September 2025

- Developed and deployed AI chatbots using Microsoft Copilot Studio to improve internal document discovery and streamline complex business processes
- Led research and proof-of-concept development comparing AI platforms (Copilot Studio, Azure AI), including budgeting, pricing analysis, pros/cons, and demos to both technical and non-technical stakeholders
- Created comprehensive documentation and training resources for new AI tools and systems
- Collaborated cross-functionally with internal teams and stakeholders to demonstrate, refine, and roll out automations and workflows using Power Automate, Power Apps, SharePoint, and Freshworks
- Participated in cross-team ideation and solution design sessions, contributing to the innovation pipeline from concept to PoC for new business capabilities

#### Mobile App Capability

- Participated in the design and development of a mobile-first application
- Collaborated with the Product Owner, designers, and developers to build and iterate on product features from design handoff to development and deployment
- Participated in database design by mapping out the data model, defining tables, relationships, and schema to support dynamic application functionality
- Contributed to full-stack development using React Native, Redux, Tailwind CSS, and PostgreSQL, incorporating FastAPI (Python) for backend APIs and business logic
- Integrated Stripe to enable secure payment capabilities within the app, and supported containerization using Docker to streamline development and deployment workflows
- Worked in an agile team environment, participating in sprint planning, reviews, and retrospectives to ensure iterative progress toward MVP delivery

### Little Symphony Records (enjou)

Full-Stack Software Developer Intern

Edmonton, AB

September 2023 – September 2024

- Improved web application speed by implementing performance optimizations using Next.js and ChakraUI
- Enhanced user experience by implementing new features that facilitated seamless navigation and interaction
- Addressed critical bugs and significantly improved code quality by conducting thorough refactoring and optimization of Node.js endpoints, leading to a more stable and efficient application
- Increased application robustness by troubleshooting and resolving database issues in Supabase
- Streamlined database management by implementing efficient migration and seed files for reproducibility and varied test cases
- Led the development of the marketing site, enhancing its functionality and user experience to better align with company branding and goals
- Developed internal tools from the ground up, significantly enhancing the organization's operational efficiency
- Delivered team presentations on projects and technologies, explaining the rationale and future benefits

#### Capstone Project

- Led end-to-end development processes, ensuring that integration between various components of the codebase work together as intended
- Set up local Supabase environments, designing and implementing migration and seed files
- Documented setup process for local Supabase environments, facilitating seamless testing and development processes for the team
- Integrated Cypress for end-to-end testing, identifying core user flows to ensure resilience of the application
- Developed tests systematically reproducing essential user interactions
- Implemented a pipeline from local Supabase to staging using GitHub Actions (YAML), automating the migration of changes, leading to reduction in deployment time, and ensuring consistent deployment processes

## Microsoft Corporation

Business Program Manager Intern

Toronto, ON

May 2022 – August 2022

- Gained certification and acquired knowledge in Microsoft Azure Fundamentals, Microsoft Azure AI, and Microsoft Azure Data

### Capstone Project

- Collaborated with a team of five interns in various departments, leveraging MS Azure services to create a business solution that migrates an on-premises organization to the cloud
- Utilized MS Power Apps as a base foundation, allowing our team to stand out with our innovative approach
- Developed a prototype website with built-in AI image detection, as well as a virtual chat bot
- Conducted market research to support the added value of implementing the cloud solution to the business case
- Pitched the cloud solution and additional market/industry research to a panel of c-suite and senior leadership

## Code Ninjas

Coding Instructor

Brampton, ON

August 2021 – May 2022

- Collaborated with students to identify and address programming issues, resulting in successful completion of projects
- Assisted students in debugging their code, leading to improved understanding of programming concepts
- Conducted regular meetings with parents/guardians to discuss progress and adjust curriculum as needed
- Received positive feedback from parents/guardians for creating a tailored learning environment
- Collaborated with CAS representatives to design a curriculum that aligns with the organization's goals
- Demonstrated commitment to community engagement by fostering a love for coding among young learners

## VOLUNTEER EXPERIENCE

### Living In Christ Church (LINC)

Praise & Worship Leader, Sound Engineer, Sunday School Teacher

Brampton, ON

November 2016– Present

- Volunteers weekly at LINC, playing music, sound engineering, and teaching Sunday school lessons
- Heavily involved in the audio-tech team, setting up, sound checking, and live mixing the audio for worship and the preacher, making sure audio is prepared before the church service
- Regularly conducts research in state-of-the-art technology to produce quality sound
- Helps in finalizing purchases made by the church for the production team and audio-tech team

## SKILLS, ACTIVITIES, AND INTERESTS

### Technical Skills:

Languages: English, Tagalog, French

Software Development:

- Programming - Java, Bash, HTML, CSS, Vanilla JS, React JS, React Native NextJS, ChakraUI, NodeJS, Cypress, Python, FastAPI
- Low-Code Platforms and Automation: Microsoft Power Apps, Microsoft Power Automate, Microsoft SharePoint, Freshworks
- Database Management – Supabase, PostgreSQL
- Version Control - GitHub, GitHub Actions
- Cloud Engineering - Microsoft Azure, AWS
- Deployment - GitHub Pages, Vercel, Netlify, Azure App Service

Other:

- Design – Photoshop, Canva, UI/UX, Figma
- Sound Engineering – Ableton, Logic Pro X, live mixing on console

**Interpersonal Skills:** Great at conducting services, working with clients & stakeholders, teaching, pitching, works well independently and on a team, gets work done on time, eagerness to learn

### Projects:

- Developed a prototype website at ElleHacks 2023 to enable individuals to easily donate to NGOs and charities (MERN stack and OpenAI's API)
- Developed a marketing website for theracurephysio therapy (ReactJS, ChakraUI, Bun)
- Currently working on a passion project, developing LINC church website (NextJS, ChakraUI, Vercel)

**Activities:** Sheridan Google Developer Student Club, Sheridan Film Photography Club, LINC youth group

**Interest:** Photography (portrait, landscape, street), playing the guitar and piano, weight training & calisthenics, ultimate frisbee, learning new programing languages, developing programming projects

## CERTIFICATIONS

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- Scholars and Core French Certificate - 2021
- Microsoft Azure Fundamentals (AZ-900) – 2022