

PATRICK QUIJANO

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EDUCATION

University of Guelph

Bachelor of Computing in Computer Science (**CO-OP**), GPA: 4.0 (90% overall)

Guelph, ON

2020 – 2025

TECHNICAL SKILLS

Languages: C, JavaScript, TypeScript, Java, HTML/CSS, SQL, YAML, Python, C#

Frameworks/Libraries: Express, Node.js, NestJs, Angular, React, Bootstrap, MongoDB, Hibernate, JUnit

Developer Tools: Nx, Git, GitHub, GitLab, Heroku, Netlify, Linux, Eclipse, VSCode, MySQL, Tomcat, Jira, Maven, Figma

EXPERIENCE

Magnet Forensics

Software Developer

May 2024 – Aug 2024

- Supported **AXIOM** product development on the **mobile artifacts team**, using **C#**, **.NET**, and **SQLite**.
- Enhanced features for **extracting and recovering data** from **iOS/Android** devices, including **messages**, **images**, and **attachments** for digital investigations.
- Improved **WeChat** and **Snapchat** support by addressing issues such as missing and incorrect data display/extraction, worked with **Protobuf** and resolved **byte-level data processing** inconsistencies, ensuring higher data accuracy.

System 1

Jr. Fullstack Developer

Jan 2024 – Apr 2024

- Developed an **efficient CI/CD pipeline using GitHub Actions** for multiple projects in our Nx monorepo, **reducing redundant code by over 70%** and streamlining build and deployment processes. Created custom extensions to meet complex requirements, resulting in a cleaner, scalable pipeline that boosted development speed and reliability.

Jr. Fullstack Developer

May 2023 – Aug 2023

- Developed and managed a dynamic, client-facing advertising management tool, leveraging **Angular**, **TypeScript**, **NestJS**, **C#**, and **.NET**. Through diligent work on bug fixes, the creation of new user interfaces/pages, and the creation of new APIs, resulted in a significant improvement in the functionality of the company's Responsive Acquisition Marketing Platform, **serving hundreds of System 1's partners**.
- Leveraged **Nx** for managing our monorepo by creating custom architectural generators for **code generation and project scaffolding**, expediting project setup and enforcing best practices, which **increased development efficiency by 50%**.

NCR Corporation

Software Developer (Fullstack)

Sep 2022 – Dec 2022

- Developed new features and **RESTful APIs** using **Java** (backend) and **HTML**, **CSS**, **JavaScript** (including **jQuery** and **Ajax**) (frontend) for a large-scale remote check deposit application.
- Enhanced runtime performance by **20%** through identifying and fixing complex bugs, utilizing **Apache Ant** for optimized database operations.

Software Developer (Backend)

May 2022 – Sep 2022

- Served as Java Backend Developer for the NCR CSP (Channel Services Platform) team, supporting cross-channel banking with **Spring Boot** and the in-house framework **API Toolkit**. Developed features actively **used by 100+** varying branches of banks

SIDE PROJECTS

GitHub - <https://github.com/PatrickRQuijano>

CamperLife (Photography App) - | Node.js, Express, MongoDB, Bootstrap

2021 – Present

- Created a full stack Web app that provides a space for users to post and share their latest photography wilderness adventures with the use of CRUD capabilities for users.
- Learned how incorporate a non sql database to store data as well as designing restful APIs for performing different methods on the data.

MrFocus - Chrome Extension — JavaScript, HTML/CSS, Chrome API

- Developed a Chrome Extension that provides an easy way of staying productive when faced with important tasks by restricting the users access to entertainment-oriented websites.
- Incorporated Chromium's chrome.alarms API in order to run reminders that the user sets up for themselves of upcoming events.

EXTRACURRICULARS

Guelph Coding Club (GCC)

2020 – 2025

Participating in hackathons and coding challenges.

AWARDS

\$3500 Entrance Scholarship

Sep 2020

Awarded to individuals with a 90% or higher high school average.

University of Guelph Dean's Honours List

2020 – 2025

Recognized for achieving a semester average of over 80%.