

# Nicholas John Warena

## Software Developer

Hello! I'm a recent 2022 graduate of the Laurentian University Computer Science program, and since my graduation have been building my skills as a Summer Software Developer at Accutron Instruments Inc./TopVu RFID Innovations. If any of my newly acquired skills are of interest to you, please use one of my provided contact methods to get a hold of me. Thank you for your consideration, and I look forward to bringing my skills and positive hardworking attitude to your project(s)!

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## EDUCATION

### Bachelor's Degree in Computer Science

Laurentian University

09/2018 - 05/2022

Greater Sudbury, ON

#### Projects:

- "Using Environmental Sensor Based Modelling for Detecting and Fighting Wildfires"

## WORK EXPERIENCE

### Front-End Software Developer

TopVu® RFID Innovations

06/2022 - Present

Sudbury, ON

RFID solutions for ore/asset tracking and personnel monitoring.

#### Tasks/Responsibilities:

- Experience in ReactJS & Bootstrap 4 modernizing the front-end of the TopVu® Dual Reader Pro web app.
- Experience in REST API and web security standards, as well as JSON.
- Experience creating and editing documentation related to embedded software testing, as well as user documentation.

### Embedded Software Developer

Accutron Instruments Inc.

06/2022 - Present

Sudbury, ON

Mine ventilation monitoring specialists, developing technologies for monitoring air quality in harsh environments.

#### Tasks/Responsibilities:

- Experience developing embedded software for the Raspberry Pi 4, including LED Matrix programming in C++.
- Experience working with Modbus, POE, and 4-20 mA analog.
- Experience testing the FlowTrax Pro V 2.0.2 firmware update and providing the software team with an extensive bug report.

### Pro Shop Assistant

Golf Sudbury - Monte Vista Golf Club

04/2017 - Present

Val Caron, Ontario

Monte Vista is one of the five courses owned and operated by Golf Sudbury.

#### Position:

- 2019 - 22 | Pro Shop Assistant: Serving customers, offering customer service, handling cash, selling alcohol & food, golf balls, golf tees, and other golf-related products inside Monte Vista's pro shop.
- 2019 - 22 | Starter: Controlled the pace of play to ensure orderly and timely movement of tee times, and ensured the golf course etiquette was followed in addition to providing customers with high-quality customer service.
- 2017 - 19 | Kitchen Staff: Worked as part of a small team to deliver pub-style foods to guests, as well as specials, soups, salads and desserts. During events, the work would be fast-paced, and teamwork heavy.

## PROGRAMMING LANGUAGES

C#	●	○	○	○	○
ReactJS / JavaScript	●	●	●	○	○
C++	●	●	●	○	○
HTML	●	●	●	○	○
CSS	●	●	●	○	○
Java	●	●	●	●	○

## PERSONAL PROJECTS

High Noon (01/2021 - 04/2021)

- Created a 3D game in Unity using C# for a game design course. It is a very simple game that I used to test the features of Unity and implement some of the skills I gained in my course.

## TECHNICAL SKILLS

Github / Git / Version Control (01/2022 - 04/2022)

From COSC 3407 - Operating Systems, and as part of the Professional Development Opportunities program hosted by McDonald's Institute.

Linux / Unix (01/2021 - 04/2021)

From COSC 2306 - The UNIX Operating System & Accutron Instruments Inc.

MySQL (01/2020 - 04/2022)

From COSC 2206 - Internet Tools, COSC 2307 Database Programming & COSC 4806 - Web Database Management.

## LANGUAGES

English

Native or Bilingual Proficiency

French

Limited Working Proficiency

## INTERESTS

Music (Hip-Hop, Rap, R&B, Alternative)

Video Games (RPG, Strategy, City Building)

Podcasts (Comedy, Music, Politics)

Cycling (Mountain & Road)

Climate Awareness

Problem Solving