Nicholas John Warenda

Software Developer

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Hello! I'm a recent graduate of the four-year Computer Science program at Laurentian University. Since my graduation I have been expanding my skills as a Summer Software Developer for Accutron Instruments Inc. / TopVu RFID Innovations, as well as working on my own personal projects. Thank you for your consideration, and I look forward to bringing my technical ability and positive hardworking attitude to your project(s)!

EDUCATION

Bachelor's Degree in Computer Science
Laurentian University

09/2018 - 06/2022   *Greater Sudbury, ON*

Courses:

- Game Design 1 & 2, Database Programming
- Expert Systems, Systems Analysis, Human-Computer Interaction
- Data Structures, Theory of Computing, Programming Languages
- Assembly Language Programming, Java 1 & 2, C++, HTML/CSS/PHP
- Astronomy, Environmental Education, Human Geography
- Film Theory, Cults/Religious Movements, Canadian Military Hist.
- US Politics, Canadian Economics, Euro Hist. Pre & Post French Rev.

WORK EXPERIENCE

Front-End Software Developer
TopVu® RFID Innovations

06/2022 - 09/2022   *Sudbury, ON*

RFID solutions for ore/asset tracking and personnel monitoring. (NDA)

Tasks/Responsibilities:

- Experience in user interface and front-end development, modernizing multiple web apps within both TopVu and Accutron.
- Experience creating and editing documentation related to user-based interface testing.
- Experience working with REST API to retrieve/deliver JSON data.

Embedded Software Developer
Accutron Instruments Inc.

06/2022 - 09/2022   *Sudbury, ON*

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

Tasks/Responsibilities:

- Experience developing embedded software, including LED Matrix programming in an object-oriented programming language.
- Experience working with Modbus RTU/TCP and 4-20 mA analog.
- Experience testing and deploying firmware updates, and providing the software team with bug reports.

Pro Shop Assistant
Golf Sudbury - Monte Vista Golf Club

04/2017 - 11/2022   *Val Caron, Ontario*

The newest addition to the Golf Sudbury family. Monte Vista is an outstanding golf course for players of all levels and abilities.

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

Language	Proficiency
C#	●○○○○
ReactJS / JavaScript / JSON	●●●○○
C++	●●●○○
HTML	●●●○○
CSS	●●●○○
Java	●●●●○

PERSONAL PROJECTS

High Noon (01/2021 - 04/2021)

- I created a 3D game in Unity using C# for a game design course. It is a very simple game that was helpful in testing the features of Unity and implementing some of the basic skills I gained in my course.

Using Environmental Sensor-Based Modelling for Detecting and Fighting Wildfires (09/2021 - 12/2021)

- I wrote a simulation and report for "COSC 4806 - Web Database Management" which presented possible solutions for remotely modeling fires in an area combined with autonomous fire fighting techniques.

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.

Front-End / User Interface Development (09/2019 - Present)
From COSC 2026 - User Interface Design, COSC 2206 - Internet Tools, COSC 4926 - Human-Computer Interaction & TopVu® RFID Innovations.

LANGUAGES

English
Native or Bilingual Proficiency

French
Limited Working Proficiency

INTERESTS

Music

Video Games (RPG, Strategy, Simulation, Puzzle)

Podcasts (Comedy, Music, Politics, History)

Cycling (Mountain & Road)

Game Design