Nicholas John Warenda
Software Developer

I'm Nick, and I'm a 2022 graduate of the four-year Computer Science program at Laurentian University. Since my graduation, I have been expanding my skills by working on my own personal projects, which include game design in C# and Unity, and web design using ReactJS. Thank you for your consideration, and I look forward to bringing my technical ability and positive hardworking attitude to your development team.

nickwarenda@gmail.com

17059884831

Hanmer, Canada

linkedin.com/in/nicholaswarenda

nickwar42.github.io

EDUCATION:

Bachelor's Degree in Computer Science (BCosc)
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, Environmental Studies
- Film Theory, Cults/Religious Movements, Canadian Military Hist
- US Politics, Canadian Economics, Euro Hist. Pre & Post French Rev

WORK EXPERIENCE:

Summer Software Developer
Accutron Instruments Inc. / TopVu® RFID Innovations

06/2022 - 09/2022 — *Sudbury, ON*

Accutron is a mine ventilation monitoring specialist. TopVu is an RFID innovations company delivering mining solutions for ore tracking. (Under NDA)

Tasks/Responsibilities:
- Experience in front-end development, modernizing multiple web apps within both Accutron and TopVu.
- Experience creating and editing documentation related to user-based interface testing. Also, Git for version control.
- Experience working with REST API to retrieve/deliver JSON data, and MobX for state management.
- Experience testing and deploying firmware updates, and providing the software team with bug reports.
- Some experience developing back end, including LED Matrix programming in an object-oriented programming language.
- Some experience working with Modbus RTU/TCP and 4-20 mA analog.

Pro Shop Assistant
Golf Sudbury - Monte Vista GC & Cedar Green GC

04/2017 - Present — *Greater Sudbury, Ontario*

Golf Sudbury is made up of five golf courses in the Greater Sudbury area. Monte Vista is located in Val Caron, and Cedar Green is located in Garson.

Positions:
- 2019 - 23 | Pro Shop Assistant: Serving customers, handling cash, selling alcohol & food, golf balls, golf tees, and other golf-related products inside Monte Vista & Cedar Green's pro shop.
- 2019 - 23 | 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 required consistent teamwork.

PROGRAMMING LANGUAGES/TOOLS:

Skill	Level (out of 5)
C# / Unity game development	●○○○○
C++	●●○○○
Java	●●●○○
ReactJS / JavaScript, JSON	●●●○○
Git / GitHub, Trello / Jira	●●●●○

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. From this project, I learned about scope creep, scripting in a new programming language, and the constraints that present themselves when developing 3D environments.

Using Environmental Sensor-Based Modelling for Detecting and Fighting Wildfires (09/2021 - 12/2021)
- I wrote a forest fire simulation in Java and a report for "COSC 4806 - Web Database Management" which presented possible solutions for remotely modelling fires in a given area combined with autonomous firefighting techniques. My conclusion reached was that while it was a very beneficial system for fire tracking & fighting, it was not a very cost-effective method.

TECHNICAL SKILLS:

Github / Git / Version Control (01/2022 - 04/2022)
Used at Accutron / TopVu, and expanded on 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 & using virtual machine simulation at Accutron Instruments Inc.

Front End Development (09/2019 - 09/2022)
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:

Listening to Music | Offroad Cycling | Game Design
Chess | Golf | Like/Want to travel
Climate Awareness | Movies & TV