TIMOTHY NICHOLSON

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EDUCATION

General Assembly *April 2022 - June 2022*
Software Engineering Immersive

Western University *September 2009 - April 2015*
Bachelor of Engineering (BEng.)
Electrical Engineering

PROJECTS

AMPLESS, Full-Stack Developer, [Github Link] *June 13-17 2022*
A Full-Stack MERN application with Full CRUD capabilities,
that manipulates audio input with the Web Audio API.
Front end styled using Material UI.

My Year In Media, Full-Stack Developer, [Github Link] *May 02-06 2022*
A Full-Stack application with Full CRUD capabilities,
Made with Nord.js, Express.js, and MongoDB
Uses the Google Books and TMDB APIs to track "viewings"
of books and movies

Household Products Manufacturer Upgrade, Project Manager *October 2015 - January 2016*
Providing CAD drawings, time tables, and cost analysis for a
proposed upgrade to waste disposal. Special care being taken
to ensure compliance with laws regarding disposal of chemical waste.

EXPERIENCE

Fire Alarm Technician, Onyx Fire Protection Services *October 2019 - March 2022*
Testing and repairing fire alarm systems
Investigating technical issues on site
Preparing reports highlighting deficiencies at locations worked
Working independently or on a small team

Controls Specialist, JMP Engineering *October 2015 - October 2017*
Programming for Controls hardware
Programming and on site training for HMI workstations
Supervising installation and on site testing
Remote and on site support for new/upgraded systems

SKILLS

Programming Languages and Frameworks
JavaScript: Node.js, Express.js, React, Material UI
MongoDB
Python: Django
Organization: Github, Trello, LucidChart, Figma, Microsoft Project

Control Systems and Design
Software: ControlLogix, FactoryTalk, TIA Portal, AutoCad