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MATTHEW BERTOLINI

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EMPLOYMENT

RAN operations specialist	Bell Mobility	April 2021 - March 2024

- Started working as a field technician and quickly transferred to the RAN ops team.
- Responsible for implementing new 5G coverage for Bell's cell phone services around the GTA.
- Supporting field team with integrating and decommissioning cell sites and radio antennas.
- Live troubleshooting on configuration, faults, modules and issues that impact overall system performance.

EDUCATION

Guelph, ON	University of Guelph	September 2016 – May 2020

- **Bachelor of Computing:** Computer Science Major, Business Minor
- **Undergraduate Coursework:** Operating Systems; Data Structures; Databases; Algorithms; Programming Languages; Computer Architecture; Human-Computer Interaction; UI & UX Design; Calculus; Marketing; Microeconomics; Financial Accounting;

TECHNICAL EXPERIENCE

Projects

- **React Project** (JAN 2022 - JUL 2022). Took an online course to learn React development. The project consisted of a Pokedex application which taught me the basic fundamentals. After the course I was learning at my own pace with small scale projects. Many of these projects were unfinished and were used more so as a way to experiment with the React library. *HTML, CSS, JavaScript, React.*
- **Portfolio Website** (SEP 2020 – OCT 2020). Personal portfolio website to show off personal projects and list my development skills that I have acquired during my time learning about website and software development. *HTML, CSS, JavaScript, Semantic UI, Github.*
- **YelpCamp** (JUN 2020 – SEP 2020). Developed a web application using a REST API to mimic the popular review website Yelp. This course taught me about user login & authentication, uploading/editing/deleting content, data persistence using MongoDB. *HTML, CSS, JavaScript, jQuery, Node.Js, Express.Js, MongoDB, Git.*
- **Digital Signage System** (SEP 2018 – DEC 2018). Worked with a team on a cumulative project to develop a digital signage management system following Waterfall Methodology with a focus on pre-implementation states of development. *Waterfall Methodology, Prototyping (Adobe XD).*
- **Ancestry Web Application** (JAN 2018 – APR 2018). Implemented a backend library to parse GEDCOM files using C. Displayed the parsed files in a frontend web-based GUI which manipulated the GEDCOM files. *C, HTML, JavaScript, Node.js.*

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** C, HTML, CSS, JavaScript, Java, Python
- **Database Management:** MySQL, MongoDB
- **Libraries and Frameworks:** Node.js, Express.js, React, jQuery, Bootstrap, Semantic UI
- **Design:** Figma, Adobe XD
- **Software Tools:** Git, Visual Studio Code

OBJECTIVE

Highly driven Computer Science graduate with strong programming and communication skills seeking a position in Software Design and Development. I am looking to utilize my abilities to create effective solutions in the testing and development of software in collaboration with co-workers and clients. My addition to your team will lead to increased productivity and yield positive result