**Jeremy Boss**

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**Summary**

A second-year Information Technology Programmer Analyst student at New Brunswick Community College who is self-driven, philomathic, and excited to be a member of a team is always learning, educating and adapting to change.

**Education**

**New Brunswick Community College**

A second-year student of Programmer Analyst

**Experience**

**Web Development**

* Understanding web design concepts, including HTML and CSS
* Designing web forms with HTML, CSS, and JavaScript
* Implemented server-side JavaScript through NodeJS and Express JS
* Created single-page applications with React

**Software Development**

* Constructed applications with Microsoft C# and .NET Framework that met program specifications using advanced object-oriented programming elements, including inheritance, interfaces, polymorphism, encapsulation, and abstraction.
* Created and ran unit tests through Microsoft Visual Studio

**Database Programming**

* Used SQL statements to perform CRUD operations on Oracle and Microsoft SQL Server database management systems.
* Performed CRUD operations against a NoSQL ( MongoDB ) database using JavaScript.
* Created stored procedures, triggers, and functions using advanced SQL programming

**Networking**

* Introduction to fundamental network concepts and technologies, including protocols, ports, IPv4, IPv6, TCP/IP, and OSI model.
* Used Wireshark to analyze network traffic
* I created a simple python game that communicated over a network.

**Hardware**

* I Learned the fundamental knowledge of computer systems, including the responsibilities of each component and how they interconnect.