

## EXPERIENCE

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- **J.D. Irving Limited**

Dieppe, NB

*Corporate Analytics: Associate Business Analyst*

*May 2019 - August 2019*

- **Designed and Developed Truck Routing Software:** Met with the client to determine needs, constructed and analyzed possible solution prototypes, and developed the software, meeting regularly with the client to discuss updates. The software augmented several of the company's previously manual processes, and is often showcased in the company's analytics presentations.
- **Developed Data Visualizations:** Built interactive tools with Python and HTML/CSS/JavaScript to provide beautiful, intuitive, effective visualizations of data.
- **Built Various Components of Large Projects:** Implemented complex mathematical functions, web scrapers, and data parsers among others.
- **Optimized Software:** Optimized server code, decreasing average response time by over one second. Made important decisions regarding software design, technologies used, and specifics of implementation.
- **Created A Work Journaling System:** I had developed a personal website to track my work, and when a company executive saw this, he insisted that all interns should keep such a log. I then developed an easy to use clone of the website for future interns to use to track their time spent at work.

- **J.D. Irving Limited**

Dieppe, NB

*Corporate IT: Associate Business Analyst*

*May 2018 - August 2018*

- **Designed Dashboards and Websites:** This was my focus when I began this position, but after exceeding expectations in this domain, I began developing software with the company.
- **Created Project Queuing Tool:** Built software for teams to document, review, and prioritize completed, current, and future projects. This program was used by multiple teams, and later evolved into the core code of the company's scheduling software.
- **Built Software For Crop Analysis:** Designed and built software to detect planting deviations from aerial photographs. This software performed extremely well and provided valuable insights which directly led to increased profits.
- **Developed Time Series Predictions:** Worked with a research and development team to develop new methods to forecast sales using machine learning.

- **New Brunswick High School Programming Competition**

Saint John, NB

*Won First Place*

*May 2017*

- Solved 7 challenging programming problems in 3.5 hours, to take first place in the province.
- My chosen language for this competition was Python.

## SOFTWARE SKILLS

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- **Languages:** Python, C, C++, Java, JavaScript, TypeScript, C#, SQL, Visual Basic, Bash, Verilog.
- **Technologies:** Linux, Git, Scikit-Learn, TensorFlow, PostgreSQL, MongoDB, Express, React, Node.

## EDUCATION

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- **University of Toronto**

Toronto, ON

*Computer Science Specialist; Minor in Mathematics*

*Sept. 2017 – Present*

- Completed courses on Data Structures, Algorithm Design, Software Development, Databases, Operating Systems, and Computer Architecture among others.
- Graduating in June 2021.