

# James Currier

Email : jamesmanuelcurrier@gmail.com

Portfolio Website: [jamesmcurrier.com](http://jamesmcurrier.com)

Phone : +1-506-875-6015

## EXPERIENCE

---

- **Associate Software Developer** Toronto, ON  
Konrad Group Ltd. April 2021 - Present
  - **Developed Complex, User Facing Website Components (ReactJS):** Developed large, complex page components used on the homepage of a major Canadian law firm.
  - **Built Major Backend Features (JavaScript/C#):** The features I implemented include video streaming, calendar and contact exporting, and live PDF generation.
- **Software Engineer - Volunteer** Remote  
Storytellers of Canada September 2020 - April 2021
  - **Built Mobile App (React Native/Python):** Worked on a team of six students to build and deploy a storytelling social media app for the organization. I implemented backend server functions, designed app prototypes, and built major frontend components for both iOS and Android.
- **Associate Software Engineer** Dieppe, NB  
J.D. Irving Limited May 2020 - August 2020
  - **Built Sourcing Optimization Engine (Python/R/Julia):** Designed and Engineered the core logic of an optimization engine used to determine product sourcing decisions on a billion dollar scale.
  - **Engineered Reactive UIs (HTML/CSS/JavaScript/R):** Built front end interfaces which reacted in real-time to data from R, Julia, and Python.
- **Associate Business Systems Analyst** Dieppe, NB  
J.D. Irving Limited May 2019 - August 2019
  - **Designed and Engineered Truck Routing Software (Python):** This core software which I built is used in multiple terminals throughout North America, where it helps coordinate deliveries valued at over one million dollars per terminal per day.
  - **Built Various Components of Large Projects (Python/R/TypeScript/MySQL):** Implemented complex mathematical functions, web scrapers, and data parsers among others.
- **Associate Business Systems Analyst** Dieppe, NB  
J.D. Irving Limited May 2018 - August 2018
  - **Created Software for Crop Analysis (Python):** Designed and built software to detect planting deviations from aerial photographs. My software performed extremely well and provided valuable insights which directly led to increased profits.

## SOFTWARE SKILLS

---

- **Languages:** Python, C, C++, Java, C#, JavaScript, TypeScript, HTML/CSS, R, Julia, Bash.
- **Technologies:** ReactJS, React Native, Linux, Git, TensorFlow, PyTorch, Node.js, SQL.

## EDUCATION

---

- **University of Toronto** Toronto, ON  
Honors BS in Computer Science with Distinction Sept. 2017 – April 2021
  - Computer Science Specialist; Artificial Intelligence Focus; Mathematics Minor.