# Mathieu Godin

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## Skills

**Programming Languages** - C# • TypeScript • JavaScript • SQL • Python • Go • C++ • C • Swift • Java • PHP

**Tools** - Git • Bash • Powershell • Docker • Visual Studio • IntelliJ • Android Studio • Xcode

**Frameworks** - Node.js • Deno • React • Vue • ASP.NET Core • Laravel • PyTorch • Kafka • Spark • Jest • NUnit • JUnit

## Experience

**Software Developer - Ceridian**   Toronto, ON                                   **May 2022 - November 2023**

Dayforce Guidelines and Candidate Management                        C# • TypeScript • SQL • ASP.NET Core • React

- Developed release management using LaunchDarkly and made screens fully accessible by following WCAG
- Took part in the development of the new Candidate Management screen using new Everest design system
- Took part in the development of the new Multidimensional Guidelines screen

**Software Developer Intern - Ceridian**   Toronto, ON                        **September 2021 - December 2021**

Dayforce Compensation Cycles and Reward Letters                        C# • TypeScript • SQL • ASP.NET Core • React

- Developed new features such as Reward Letter Equity Details using IronPDF

**Software Developer Intern - Skillbook Academy**   Toronto, ON                  **January 2021 - April 2021**

Skillbook Academy's Administrator Dashboard                              TypeScript • PHP • Laravel • Vue • SQL

- Added the ability to track visitors and clients on a dashboard using ipstack and Stripe

**Software Developer Intern - Virtek Vision**   Waterloo, ON                     **June 2020 - August 2020**

Virtek PDC 2020.08                                                       C# • Python • C++ • WPF • ACIS

- Developed new features such as Center Snap Mode or Projected Text

**Software Developer Intern - Bentley Systems**   Burlington, ON              **September 2019 - December 2019**

Bentley APM Mobile Inspections                                          C# • Xamarin • Android • iOS

- Improved Zxing.Net.Mobile open-source library to scan distant barcodes and developed dark mode

**Software Developer Intern - Netint Technologies**   Markham, ON               **January 2019 - April 2019**

Netint T408 Codensity SSD Automated Tests                                          Python • NVMe

- Developed automated tests that test random and sequential read and write operations

**Software Developer Intern - Wind River Systems**   Ottawa, ON                 **May 2018 - August 2018**

Wind River Titanium Cloud Infrastructure                                   Python • InfluxDB • Grafana

- Developed dashboards that track network performance and service instance counts in real time

## Education

**University of Waterloo**   Waterloo, ON                                    **September 2017 - April 2022**

Bachelor's Degree, Honours Software Engineering, Co-op

## Projects

**Talk to Me**                                                                  **August 2022**

First Place for Most Well-Rounded Hack in North America, Ceridian Hackathon 2022 (chat bot app)          TypeScript • Swift • iOS • React

**Licode**                                                                   **September 2020 - April 2022**

University of Waterloo Capstone Project (website similar to leetcode.com)          TypeScript • Go • Deno • Docker • SQL • React

**Machine Learning Models**                                                   **January 2022 - April 2022**

Multiple neural network models (CNNs, MLPs, RNNs, GANs, VAEs, GMMs, logistic regression, perceptron)          PyTorch • Python

**Distributed Systems**                                                        **May 2021 - August 2021**

Multiple client-server applications (Graph processing, RPCs, Big Data, Fault Tolerance, Streams)          Kafka • Spark • Hadoop • Zookeeper • Java

**Once Upon a Time**                                                             **September 2018**

First Place - Hack the North 2018 (VR app)                              C# • Node.js • IBM Watson • Socket.io • Unity