

# Mathieu Godin

mathieu.godin.software.engineer@gmail.com • (519) 635-0965 •  mathieu-godin-software-engineer •  mathieu-godin

## Skills

**Programming Languages** - C# • TypeScript • JavaScript • SQL • Python • Go • C++ • C • Java • Swift • Kotlin • 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 • WebGL • Jest • NUnit • JUnit

## Experience

### Software Developer - Ceridian Toronto, ON

May 2022 - November 2023

Dayforce Candidate Management, Guidelines and Message Center

C# • TypeScript • SQL • ASP.NET Core • React

- Developed LaunchDarkly APIs that make it possible to release features to specific clients in a few clicks
- Made new and previous screens follow the best accessibility standards thoroughly by following WAI's WCAG 2.1
- Developed React grids and dialogs that fetch and send data to the back end
- Developed REST APIs and SQL Server queries that retrieve and save data on which sorts, filters, and business logic are performed
- Developed an interactive dialog allowing the insertion of different tokens to send personalized reward messages

### Software Developer Intern - Ceridian Toronto, ON

September 2021 - December 2021

Dayforce Reward Letters and Compensation Cycles

C# • TypeScript • SQL • ASP.NET Core • React

- Upgraded REST APIs to send additional data and developed new features such as Reward Letter Equity Details using IronPDF

### Software Developer Intern - Skillbook Academy Toronto, ON

January 2021 - April 2021

Administrator Dashboard

TypeScript • PHP • Laravel • Vue • SQL

- Developed robust and secure REST APIs, MySQL tables normalized to BCNF, and Vue components that use Stripe's API

### Software Developer Intern - Virtek Vision Waterloo, ON

June 2020 - August 2020

PDC 2020.08

C# • Python • C++ • WPF • ACIS

- Developed new features including Center Snap Mode and Projected Text, improved the installer and reduced the build time by 88%

### Software Developer Intern - Bentley Systems Burlington, ON

September 2019 - December 2019

APM Mobile Inspections

C# • Xamarin • Android • iOS

- Developed dark mode, ability to scan distant barcodes by improving the Zxing.Net.Mobile library and a Collection Requirements feature

### Software Developer Intern - Netint Technologies Markham, ON

January 2019 - April 2019

Codensity T408 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

Titanium Cloud Infrastructure

Python • InfluxDB • Grafana

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

## Education

### University of Waterloo Waterloo, ON

September 2017 - April 2022

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

## Projects

### Licode

September 2020 - April 2022

Coding challenge platform with a 1v1 format (University of Waterloo capstone project)

TypeScript • Go • Deno • Python • Docker • SQL • React

### Talk to Me

August 2022

Chat bot app that allows you to easily fill in HR forms (first place, Ceridian Hackathon 2022)

TypeScript • Swift • iOS • React

### Once Upon a Time

September 2018

VR app generating scenery according to the story you're telling (first place, Hack the North 2018)

C# • Node.js • IBM Watson • Socket.io • Unity

### Aya

September 2017

Intelligent robot head capable of recognizing people and objects (first place, Hack the North 2017)

Python • AWS • Embedded Software

### Messenger LaTeX

June 2017

Google Chrome plugin to write mathematical expressions in Facebook Messenger (first place, MHacks Nano 2017)

JavaScript