

# Matthew Godin

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## Skills

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

**Tools** - Git • Bash • PowerShell • Docker • VS Code • Visual Studio • IntelliJ • Android Studio • Xcode

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

## Education

**University of Waterloo**

Bachelor's Degree, Honours Software Engineering

**September 2017 - April 2022**

## Experience

**Software Developer - Ceridian Toronto, ON**

Dayforce Candidate Management, Compensation Guidelines and Message Center

- Developed REST APIs and SQL Server queries performing sorts, filters, and business logic
- Developed LaunchDarkly APIs enabling the release of features to specific clients in a few clicks
- Revamped new and previous screens to follow the best accessibility standards thoroughly by conforming to WAI's WCAG 2.1
- Developed React components including grids, toolbars and forms that fetch and send data to the back end
- Developed interactive dialogs that send personalized reward letter messages through the insertion of different template tokens

**May 2022 - Present**

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

**Software Developer Intern - Ceridian Toronto, ON**

Dayforce Reward Letters and Compensation Cycles

- Developed new features such as Reward Letter Equity Details using IronPDF, front-end components and REST APIs sending new sets of data

**September 2021 - December 2021**

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

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

Skillbook Academy's Website

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

**January 2021 - April 2021**

PHP • Laravel • TypeScript • Vue • SQL

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

PDC 2020.08

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

**June 2020 - August 2020**

C++ • ACIS • C# • WPF • Python

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

APM Mobile Inspections

- Developed ability to zoom-in distant barcodes in Zxing.Net.Mobile, Dark Mode, Collection Requirements feature and Azure build pipelines

**September 2019 - December 2019**

C# • Xamarin • Android • iOS • YAML

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

Codensity T408 SSD Automated Testing

- Developed automated tests that validate random and sequential read/write operations

**January 2019 - April 2019**

Python • NVMe

**Software Developer Intern - Wind River Systems Ottawa, ON**

Titanium Cloud Infrastructure

- Developed dashboards tracking network performance and process counts in real time

**May 2018 - August 2018**

Python • Grafana • InfluxDB

## Projects

**Licode**

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

**September 2020 - Present**

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

**Talk to Me**

Chat bot app that simplifies filling in HR forms (first place, Ceridian Hackathon 2022)

**August 2022**

Swift • iOS • TypeScript • React

**Once Upon a Time**

VR app generating scenery according to the story being told (finalist, Hack the North 2018)

**September 2018**

C# • Unity • JavaScript • Node.js • IBM Watson

**Aya**

Intelligent robot head capable of recognizing people and objects (finalist and best use of AWS, Hack the North 2017)

**September 2017**

Python • AWS

**Messenger Latex**

Google Chrome plugin that allows writing mathematical expressions in Facebook Messenger (first place, MHacks Nano 2017)

**June 2017**

JavaScript