

# 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** Waterloo, ON

September 2017 - April 2022

Bachelor's Degree, Honours Software Engineering

## Experience

**Software Developer - Ceridian** Toronto, ON

May 2022 - Present

Dayforce Candidate Management, Compensation Guidelines and Message Center

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

- 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 grids that fetch and send data to the back end
- Developed interactive dialogs allowing the insertion of different tokens to send personalized reward letter messages

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

September 2021 - December 2021

Dayforce Reward Letters and Compensation Cycles

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

- 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

Skillbook Academy's Website

PHP • Laravel • TypeScript • 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++ • ACIS • C# • WPF • Python

- 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 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 validate random and sequential read/write operations

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

May 2018 - August 2018

Titanium Cloud Infrastructure

Python • Grafana • InfluxDB

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

## Projects

**Licode**

September 2020 - Present

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

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

**Talk to Me**

August 2022

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

Swift • iOS • TypeScript • React

**Once Upon a Time**

September 2018

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

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

**Aya**

September 2017

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

Python • AWS

**Messenger LaTeX**

June 2017

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

JavaScript