

# Matthew Godin

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## Skills

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

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

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

## Education

**University of Waterloo**

Bachelor's Degree, Honours Software Engineering

**September 2017 - April 2022**

## Experience

**Software Developer - Halton Regional Police Service** Oakville, ON

**July 2024 - Present**

Police Analytics

**Software Developer - Dayforce** Toronto, ON

**May 2022 - June 2024**

Compensation and Recruiting

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

- Developed Guidelines and Candidate Management 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

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

**September 2021 - December 2021**

Compensation

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

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

**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 Automatic 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 • YAML

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

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

**January 2019 - April 2019**

Codensity T408 SSD Automated Testing

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 (most well-rounded hack, Ceridian Hackathon 2022)

Swift • iOS • TypeScript • React

**Once Upon a Time**

**September 2018**

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

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

**Aya**

**September 2017**

Intelligent robot head capable of recognizing people and objects (finalist and best use of AWS, 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