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 Core • 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, Guidelines and Message Center   C# • TypeScript • SQL • ASP.NET Core • React
- 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 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**
Skillbook Academy's Website   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 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 • InfluxDB • Grafana
- 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 • Go • Deno • Python • Docker • SQL • React

Talk to Me   **August 2022**
Chat bot app that simplifies filling 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 being told (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 that allows writing mathematical expressions in Facebook Messenger (first place, MHacks Nano 2017)   JavaScript