

Maria J. Solano O.

software engineer

contact

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Curious, ambitious and passionate software engineer based in Seattle US. Whether involved in large and impactful corporate assignments or innovative open source projects, I feel truly passionate for my work, and I am always on the lookout for my next challenge.

education

Sept. 2017 - Dec. 2021

B.Sc. Mathematics and Computer Science

McGill University

- First class honours
- GPA: 3.87 / 4.0

ask me about

NeoVim: Hyperextensible Vim-based text editor

Core maintainer. Implemented the Treesitter query editor, the snippet engine, and rewrote the floating-window API to use modern Treesitter-based syntax highlighting.

Fields Undergraduate Summer Research Program

Built a Python model to analyze similarity measures in mood symptom time series data, characterizing how depression and bipolar disorder symptoms cluster.

The results were published in the Journal of Affective Disorders.

Ramble: An experience marketplace

Wrote the website and mobile application for the Ramble, startup that allows you to find unique experiences in Montréal.

work experience

Sep. 2024 - Present

Software engineer **Palantir**

Part of the frontend build infrastructure team.

Feb. 2022 - Sep. 2024

Software engineer II **Microsoft**

Built and maintained language service features for TypeScript and JavaScript development in Visual Studio and VS Code.

- Rewrote the ESLint integration for Visual Studio, improving the experience for .NET web developers.
- Implemented the C# Angular language service extension for Visual Studio 2022.

Jan. 2019 - Dec. 2021

Teaching assistant **McGill University**

Held office hours, managed tutorial/practice sessions, invigilated midterm and final examinations, among other tasks.

- Recipient of the Computer Science Teaching Assistant award for winter 2021.

internships

Summer 2021

Software engineering intern **Microsoft**

- Implemented a web component that previews a progressive web app on different platforms based on their web manifest. The tool was incorporated to the PWABuilder website and is also available on npm.
- Delivered a Windows 11 simulator that reproduces the experience of progressive web apps on the new operating system.

Summer 2018

Data science intern **Kruger Inc.**

- Created a Visual Basic submission form in Excel for facilitating data collection in the health and safety department.