

# Daniel Araujo

4A Computer Science

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 DanielAmorimAraujo

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## SKILLS

**Languages** · C/C++, TypeScript, JavaScript, C#, PHP, Ruby, Java, Python

**Tools & Others** · React, MySQL, MongoDB, Laravel, Rails, Git, Visual Studio, .NET, Linux

## EXPERIENCE

**Software Engineer** · Persona Identities · *San Francisco*

Sept 2021 – Present

- Developed a tool allowing customers to send custom data-based emails and SMS messages automatically to users

**Full Stack Software Developer** · Condos.ca · *Toronto*

Jan 2021 – Apr 2021

- Formulated an algorithm to process over **20+ million** entries of viewing history data to recommend listings to over **350 thousand** users
- Enhanced features on an internal API tool and 3 user-facing sites, including new endpoints, mobile push notifications, and filtering functionality
- Reduced runtime by up to **90%** by improving query logic, stabilizing faulty queries, and refactoring database tables

**Full Stack Software Engineer** · Enlighted Inc. · *Kitchener*

May 2020 – Aug 2020

- Implemented a data-driven **React** web application that followed an **MVC** design pattern
- Generated interactive **D3 components** to inform users about contact tracing and reduction
- Boosted code testing coverage from **84% to 98%**

**Software Developer** · Imagine Communications · *Waterloo*

Sept 2019 – Dec 2019

- Reconstructed an internally-used TV channel configuration manager
- Used **Typescript**, **React**, and **Formik** to create a multi-page form with conditional error validation
- Accelerated render time from **several seconds to nearly instant** by reducing redundancies and simplifying code logic

## PROJECTS

**Workspace** · C#, WinForms, .NET

2021

- Built a **Windows desktop application** where users can save files, folders, and links together, allowing them to reopen them whenever with a single button click

**TuneIn** · JavaScript, TensorFlow

2021

- Developed a **Chrome Extension** that leverages **TensorFlow** models to notify players with hearing impairments on critical game events

## EDUCATION

**Candidate for a Bachelor's Degree of Computer Science** · University of Waterloo

2018 – 2023

- Cumulative: **94%**
- President's Scholarship of Distinction (**95%** admission average)
- Faculty of Mathematics Entrance Scholarship

## COMMUNITY

**Tech+** · University of Waterloo

Sept 2020 – Jan 2021

- Mentored first-year University of Waterloo students
- Had multiple weekly one-on-one meetings to help ease their transition into university