

Daniel Araujo

3B Computer Science

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 danielaraujo.dev

 DanielAmorimAraujo

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SKILLS

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

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

EXPERIENCE

Full Stack Software Developer · Condos.ca / Property.ca 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. 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 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

Tuneln · JavaScript, TensorFlow 2021

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

FOOO · JavaScript, React, Konva 2020

- Implemented an **interactive** and **customizable** virtual office setting where coworkers can update their current status

EDUCATION

Candidate for a Bachelor's Degree of Computer Science · University of Waterloo 2018 – 2023

- Cumulative: **93.9%** · Faculty: **94.8%**
- 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 several weekly one-on-one meetings to help ease their transition into university