Daniel Araujo

4A Computer Science

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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   Sept 2021 – Dec 2021
Persona Identities   *San Francisco*
- Developed actions in Workflows to allow clients to send custom **data-enriched** emails and SMS messages automatically
- Implemented **text variables** that can be used in any action to represent data, allowing further customization and flexibility
- Improved the information displayed on executed Workflows, helping customers understand the flow of the Workflow

Full Stack Software Developer   Jan 2021 – Apr 2021
Condos.ca   *Toronto*
- 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   May 2020 – Aug 2020
Enlighted Inc.   *Kitchener*
- 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   Sept 2019 – Dec 2019
Imagine Communications   *Waterloo*
- 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

EDUCATION

Candidate for a Bachelor's Degree of Computer Science   2018 – 2023
University of Waterloo   *Waterloo*
- Cumulative: **94%**
- President's Scholarship of Distinction (**95%** admission average)
- Faculty of Mathematics Entrance Scholarship
- Mentored first-year students as part of Tech+