Guilherme Simoes

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EDUCATION

Seneca College	Toronto, ON
Computer Programming	*2018 – 2020*

EXPERIENCE

Full Stack Web Developer	Oct. 2022 – Present
The Learning Enrichment Foundation	*Toronto, ON*

- Built a new portal using Next.js, React, and TypeScript
- Maintained current websites using PHP, Bootstrap and the Perch CMS

Computer Science Teacher	Sep. 2021 – Aug. 2022
De La Salle College "Oaklands"	*Toronto, ON*

- Taught an introduction to Computer Science course based on Harvard's famous CS50 course
- Taught a web development course focusing on semantic HTML, modern CSS, and JavaScript
- Ran a programming club where I helped students learn Python

Mathematics, Physics and Computer Science Tutor	Sep. 2019 – Sep. 2021
TutorDoctor, TutorBright	*Toronto, ON*

- Tutored in many different subjects, such as Calculus, Vectors, Mechanics, and Computer Science
- Helped students from middle school to university level

High-level Math Assistant	June 2019 – Jan. 2021
Kumon	*Toronto, ON*

- Helped kids from age 3 through high school learn Mathematics, including Calculus and Differential Equations
- Graded students' homework

OPEN SOURCE CONTRIBUTIONS

freeCodeCamp	*Interactive learning web platform*	Github Repo	February 2021

- Fixed incorrect explanation of the *wrap* and *wrap-reverse* values of the CSS *flex-wrap* property

MDN Web Docs	*Learning resource for web developers*	Github Repo	November 2020

- Fixed 3 bugs in the HTML code of an article
- Fixed grammar in an article

CPython	*The reference implementation of Python*	Github Repo	May 2013

- Fixed 2 bugs in the IDLE integrated development environment

PERSONAL PROJECTS

Movie Watchlist	*Sass (SCSS), RESTful API, ES6 Modules, Async/await*	Github Repo	August 2022

- Developed a complete web application that consumes a REST API to show movie information to users
- Used *localStorage* to store the user's data locally
- Implemented light and dark modes, selected according to the system preference

Expenses Chart Component	*Sass (SCSS), Figma, JSON*	Github Repo	July 2022

- Recreated the Figma design accurately
- Implemented JSON functionality to size the chart bars dynamically
- Used the JavaScript Date object to colour the bar for the current weekday differently
- Made the design responsive by using media queries

Password Generator	*CSS Custom Properties, Figma, Clipboard API*	July 2022

- Used the Clipboard API to allow users to copy a generated password
- Implemented light and dark modes, selected according to the system preference
- Created a button to allow users to choose between themes, overriding the system default option

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python, C/C++, C#, SQL (MYSQL, Oracle and PostgreSQL)
Technologies: Next.js, React, Node.js, Express, Sass (SCSS), Bootstrap, Figma, Git, AWS, Docker, Kubernetes (K8s)