

Guilherme Simoes

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EDUCATION

Seneca College

Computer Programming

Toronto, ON

2018 – 2020

EXPERIENCE

Computer Science Teacher

De La Salle College "Oaklands"

Sep. 2021 – Aug. 2022

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

TutorDoctor, TutorBright

Sep. 2019 – Sep. 2021

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

Kumon

June 2019 – Jan. 2021

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: React, Angular, Node.js, Express, Sass (SCSS), Bootstrap, Figma, Git, AWS, Docker, Kubernetes (K8s)