

< Omar Garcia Flores />

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in omar-garciaf

/education

Carleton University

Bachelors of Computer Science, Honours

09/2017 - 06/2022

/work experience

Royal Bank of Canada

Software Developer Intern

09/2019 - 12/2019

- > Developer within the Digital area of Technology & Operations of the **Largest Bank in Canada**, currently using **Angular** and **Java Spring** to maintain and implement new features in the new Online Banking **platform used by 5M+ users monthly**.

Deloitte Digital

Business Technology Analyst

05/2019 - 08/2019

- > Worked as a front end **developer** and **designer** of the **EmotionPlus** team under the direction of Jeff Lui, Director of AI.
- > Designed and built **four data visualization dashboards** to display **emotional analysis data** for the project's clients and for product showcases such as the True North Conference which had **2,500+ attendees**.
- > Implemented **real time** data visualization components using **React** and **D3.js** using websockets as well as interactive **data oriented SVG**.
- > Helped develop the **UI** of the project using **Semantic UI** and **React Redux**.
- > Designed **branding** and **marketing** assets to be used in future releases of the product.

Faculty of Computer Science

Undergraduate Teaching Assistant

09/2018 - 04/2019

- > **Web Development I**. Chosen to be Teaching Assistant the **same year as taking this class**. **Wrote tutorials** to introduce new topics to the class such as **Git** and the **software development cycle** in addition to regular duties.
- > **Discrete Mathematics I**. Facilitated tutorials, graded assignments, held office hours.

/extracurriculars

cuHacking

Design Lead

07/2019 - 01/2020

- > Leading a team of designers to work on branding and design for all the marketing, web, and swag material.

Toronto Mendelssohn Choir

Tenor

09/2019 - 12/2019

- > Singer in the Grammy nominated and most distinguished choral ensemble in Canada, performing regularly with the Toronto Symphony Orchestra.

Regent Park School of Music

Volunteer, Guitar Teaching Assistant

09/2019 - 12/2019

- > Helping newcomers to the world of music learn guitar.

/ask me about

> Deloitte Digital EmotionPlus

React meets data visualization with **data oriented SVG** and **D3.js**

> Outstanding TA Nomination Carleton University 04/2019

> Outstanding TA Nomination Faculty of Computer Science 04/2019

Nominations earned as TA of Web Development **one term after I took the class**.

> Finalist cuHacking 2018 04/2018

Top 5 teams with the project QuickMath. Solving hand written math using the Wolfram Alpha API.

> Unsplash Stock Prography

Account with 1.8+ M views and 11+ K downloads. One of my pictures was **published as the cover the book** "The Caine Prize of African Writing, Shortlist."