

# JESSE MALTESE

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## EDUCATION

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University of Toronto

2019 - 2023

Honours Bachelor of Science, **Computer Science and Math**

GPA: 3.7

## PROJECTS

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*A full selection of my projects can be found at [jmalt.me/projects](https://jmalt.me/projects)*

**'SCD' Issue Tracker**

January 2019

*A live social media dashboard equipped with natural language processing built at CuHacking 2020.*

- Implemented **natural language processing** to track sentiment towards a company on social media.
- Used a **Flask** and **Python** back-end to communicate with a front-end written in **Javascript** with **React**.
- Leveraged **RESTful APIs** to scrape Twitter for information about the company
- Used various design frameworks such as **Material-UI** and **Bootstrap** to quickly prototype a design

**Success Stories of New Canadians**

November 2019

*Success Stories of New Canadians was a website made in collaboration with a local professor and two peers.*

- Designed and built a website to fit specifications laid out by client.
- Used **React** and **Gatsby** to serve a fast static website.
- Utilized **GraphQL** and **Netlify** to allow for easy editing of the website as well as dramatically reducing load times.
- Was responsible for the implementation of a **full-text search** as well as reducing website load times by over **200%**.
- Arranged weekly meetings with team to coordinate design and technical details about project.
- Used **Git** for version control.

## TECHNICAL SKILLS

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**Software Development:** Python, C, JavaScript ES6

**Web/Frameworks** Bootstrap, JQuery, ReactJS, Flask, Gatsby, GraphQL, Node.JS, HTML5, CSS3

**Other:** Git, Netlify, Google Cloud, LaTeX

## WORK EXPERIENCE

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**Houseman**

July 2018 – Aug 2019

*Delta Grand Okanagan, Kelowna, BC*

- Ensured guest satisfaction by consistently interacting with guests and meeting their needs.
- Worked to have smooth operation of hotel back-of-house through various methods of communication.
- Communicated with various departments inside of hotel as well as interacting with outside vendors.