JESSE MALTESE

Toronto, Ontario

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EDUCATION

University of Toronto   *Grad. 2023*
Honours Bachelor of Science, **Mathematics, Co-op**
Minor in Statistics and Philosophy

PROJECTS

A full selection of projects can be found at 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

Software Development: Python, C, JavaScript ES6
Web/Frameworks Bootstrap, Jquery, ReactJS, Flask, Gatsby, GraphQL, Node.JS, HTML5, CSS3
Other: Git, Netlify, Google Cloud, LaTeX

EXPERIENCE

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.