

OMAR SHABANA

Software Developer - New Grad

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EDUCATION

University of Toronto (Class of May 2021)
Honours Bachelor of Science

- Major in Geographic Information Systems
- Minors in Computer Science and Mathematics

PROJECTS

Public Shopping App (React & Node)

- Worked as a team to create an application designed to assist people with grocery shopping during Covid-19
- Built a full stack application using React, Node and MongoDB (MERN)
- Designed a web app to help shoppers coordinate with neighbours to minimize grocery trips for public safety
- Implemented back-end features such as user security
- Integrated the back-end and front-end to achieve a deployment ready app

Finance Portfolio Tracker (React & Node)

- Utilized frameworks and libraries such as React and Express to complete a full stack application
- Implemented a REST API to assist the front-end with displaying user portfolios
- Managed user data using MongoDB to implement a fully CRUD capable back-end

React Front End Library (JavaScript)

- Developed a 2D game library with features like movement, projectiles, and UI elements
- Focused on making interactive 2D retro games easier to develop in as few lines of code as possible
- Designed this library to be used by new programmers for a fun experience while learning

Sentiment Analyzer (Python)

- Built a CLI analyzer that scores the sentiment of a query's top news articles
- Scraped information with Python from top Google News articles
- Used NLP to analyze the scraped data and score its sentiment

🔗 More info on [my personal website](#)

COMPUTER SKILLS

Programming Languages

- JavaScript/TypeScript
- Python
- C
- Java
- C#

Web Development Skills

- React
- Node
- HTML5
- CSS3

Other

- Git
- Linux/Unix
- MongoDB
- MySQL

COURSEWORK

Computer Science

- Software Development
- Algorithm Design and Analysis
- Data Structures and Analysis
- Web Development
- Theory of Computation
- Software Tools and Systems Programming

SOFT SKILLS

- Problem solving
- Analytical skills
- Communication
- Resourceful
- People oriented
- Critical Thinking