Omar Shabana

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Toronto, Ontario

Education

University of Toronto   **Toronto, ON**
Honours Bachelor of Science,   *June 2021*
Major GPA: 3.13

Major: Geographic Information Systems
Minors: Computer Science, Mathematics

Skills

Languages: JavaScript/TypeScript, HTML, CSS, Python, Java, C#, C, PostgreSQL
Frameworks/Libraries: React, Node, Express, Jest, Puppeteer
Tools: Git, Linux, Bash, MongoDB, Docker, Kubernetes, AWS (Lambda, S3, EC2)

Projects

Community Based Shopping App   **Website, Code**

o Constructed with React, Bootstrap, Node, Express and MongoDB
o Undertook the creation of important security features to protect user data
o Programmed key components including synced grocery lists and an administrator panel
o Spearheaded integration of all components to create a seamlessly interdependent app
o Incorporated tools like Git for version control to simplify and combine teamwork

Visual Portfolio Tracker   **Code**

o Engineered a full-stack app with React, Node, Express and MongoDB
o Integrated libraries like react-cookie, mongoose, axios, as well as bcrypt, to mange authentication and security
o Designed a REST API allowing users to perform CRUD operations on their data with ease
o Utilized an external API to retrieve stock data and provide accurate, up to date information

Retro.js Engine   **Website, Code**

o Built with HTML, CSS and JavaScript
o Implemented a 2D game engine including features like movement, projectiles, and user interface elements
o Established an open-source tool; helping developers create games and easily modify the source code
o Composed documentation enabling creators to easily get started through concise descriptions and examples

Experience

Tim Hortons   **Mississauga, ON**
Supervisor,   *September 2014 – December 2018*

o Oversaw all store operations when present including food production, safety, and staff members
o Resolved unexpected problems quickly in a fast-paced, high-stress environment
o Mentored employees to be effective communicators with customers, thus providing an excellent experience
o Cultivated a positive workplace environment giving everyone a voice regarding their daily tasks