# Deval Panchal

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## Independent Projects

### Personal Portfolio Website

JavaScript, jQuery, HTML, SASS

- Developed a personal website to showcase skills and projects
- Fully responsive front-end design capable of being viewed on majority of desktop and mobile devices
- [GitHub](#)   [Website](#)

### Real-Time Chat Application

NodeJS, Express, Socket.io, ejs, SASS

- Designed and developed a Real-Time Chat application for the web using socket.io to be able to talk with peers
- Utilizes socket.io to allow bidirectional communication between users in a specific room
- Designed routes using backend web framework express, for a fluent web experience
- [GitHub](#)   [Website](#)

### Sorting Algorithm Visualizer

JavaScript, D3, HTML, SASS

- Created a visualization web page to demonstrate the insertion sort algorithm
- Applied knowledge of data structures and algorithms to provide a visualization tool to better understand this sorting algorithm
- [GitHub](#)   [Website](#)

### Mini Message Board

NodeJS, Express, ejs, SASS

- Developed a mini message board using express as the backend web framework and route handling
- Applied basic CRUD methodology to showcase primary backend functionality
- [GitHub](#)   [Website](#)

### Random Quote Generator

React, HTML/SASS

- Developed a Random Quote Generator using React, which fetches data from an external json file using axios promised-based fetch library
- Responsive design with fluid animations for a more user-friendly experience
- [Github](#)   [Website](#)

## Skills

**Languages:** Java, JavaScript, Python, C++, HTML, CSS/SASS, NodeJS

**Libraries & Frameworks:** React, jQuery, D3, Express

**Database:** MongoDB

**Version Control:** Git

## Education

**Ontario Tech University**                 Oshawa, ON

**Bachelor of Science (Hons) Computer Science Co-op**

- 3.28 cGPA

**Relevant Coursework:**

*CSCI 2020u – Software Systems and Development and Integration*

- Utilize javaFx and java build tools by building full-stack desktop application

*CSCI 2040u – Software Design and Analysis*

- Apply agile methodology and learn the software development life cycle

*CSCI 2010u – Data Structures*

- Learned fundamental data structures and implementations, and utilizing them in appropriate situations

*CSCI 2000u – Scientific Data Analysis*

- Learned and applied skills with python libraries numpy and pandas

## Experience

**Cashier**                 June 2019 – September 2019

- Applied customer service skills by daily communication with customers
- Handling customer request in a fast-paced environment
- Applied Organization skills; for taking inventory of stock on a weekly basis and replenished work areas with products for a smooth workflow

**Canvasser**                 March 2018 – August 2018

- Engaging and educating public on upcoming provincial elections
- Applying analytical skills by giving demographic information of voters of the selected region
- Strong communication skills; for making phone-calls to specific constituents