Vyom Trivedi

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Education

Computer Engineering Technology – Computing Science,   **Sep. 2019 – Apr. 2022**

Algonquin College, Ottawa ON

- Dean's Honors List; GPA 3.80/4.0
- Coursework Information: Object-Oriented Programming and Data Structures (Java), Database (SQL), Operating Systems (Linux, Windows), Networking Programming Basics, Computer Essentials

Work Experience

Web Developer, Invest Ottawa, Ottawa, ON   **Aug. 2020 – Dec. 2020**

Environment: Shopify, WIX, Wordpress
- Learned different types of e-commerce and CMS platforms which were completely new to me.
- Squad member, responsible for purposing modern web technologies for the digital transformation of main-street businesses in Ottawa. Developed websites (Shopify, WordPress, and Page Cloud) using HTML and CSS for enhancement, creating a new navigation architecture & site map, improving user experience, SEO, and attending to businesses' needs.
- Worked with clients to provide a solution for improving their existing website or for creating a new website from scratch after evaluating their business.
- Spearheaded complete planning, development, and testing and refactoring a website project with some inputs from senior Web Developer.
- Developed a restaurant e-commerce website for Baccanalle from scratch on Shopify implementing a Parallax theme.
- Improved SEO for e-commerce and small-business websites by adding accurate meta-data after evaluating leading competitors.
- Transfered a WIX website to the Shopify website. Integrated the .csv files to transfer the existing data of the current website.
- Created and tested web applications with UI/UX designer.

Program-Associated Skills

❶**Programming Languages:** Java, Java Script, Bash, C++, C#, Python

❷**JavaScript frameworks:** Angular, React js, Node .js ❸**Scripting Languages:** Python, php

❹**Markup Languages:** HTML5, CSS3 ❺**Databases:** MySQL, PostgreSQL ❻**E-commerce and other Website Platforms:** Shopify, WIX, Wordpress, PageCloud ❼**Operating Systems:** Windows, Ubuntu Linux ❽**Software Tools:** Visual studio, Eclipse, MySQL Workbench, Wireshark, VMWare, pgAdmin, Oracle SQL ❾**Data-Analytics Tool:** Weka

Projects

Baccanalle Restaurant Website (Shopify): Link

- Migrated WIX website to Shopify Store
- Integrated different applications to enhance the website user experience
- Fetched the products using CSV files and edited them in the format of Shopify
- Completed a food ordering website in a team of 5 in four weeks of period
- Coded some parts of the theme after addressing the client's need

Memory Card Game (C++): [Github Link](Github_Link)

- Created using C++ Nana library
- Integrated the Nana library for drawing the cards, playing sounds, taking the mouse input
- Used vectors to store the cards and a comparison operator to compare the cards
- Randomized the drawn card by the random_shuffle function

Bloom Website (PageCloud): Link

- Enhanced my capabilities with PageCloud by completely redesigning the old website
- Integrated Mailchimp for e-mail signups for the website
- Worked with PageCloud to troubleshoot the backend errors of the page for design purposes
- Refactored it professionally and provided a complete help guide to the client for their use of the website

Array Search and Sort (Java):

- Program to sort an array using different sorting algorithms like the Bubble sort, Insertion sort, Selection sort, Merge sort, and Quick sort.
- Linear search and Binary search algorithms were used to add searching functionality.
- Binary Search was implemented in both, recursive and non-recursive forms.