Zeerak Asim

Ajax, Ontario, Canada
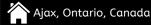https://www.zeerakasim.me
https://www.linkedin.com/in/zeerak-asim/
https://www.github.com/hahazz4
Z_zee09@hotmail.com
(647)-688-9140

Technical Skills

- HTML
- CSS
- JavaScript
- Wordpress
- Knime
- Linux
- C
- C++
- Java OOP
- Python
- Web-scraping with BeautifulSoup
- React.js
- Express.js
- Bootstrap
- EJS
- MongoDB
- Node.js
- Arduino
- Shopify Themes
- Liquid
- Data Structures and Algorithms
- MS Office, Word, PowerPoint, Excel

Education

Queen's University

Bachelor of Applied Science in Computer Engineering

Sept 2020 - April 2024

- ELEC 279 Object Orientated Programming
  - Grade: B
- MNTC 313 Introduction to Programming
  - Grade: A

Pine Ridge Secondary School

High School Diploma

Sept 2016 - June 2020

- Ontario Scholar Award (2020), Grade 12.
- Ronny Bathia Memorial Award (2020), Grade 12.

Experience

Gunkii | Software Development Intern | Vancouver, BC (Remote)

July 2022 - September 2022

- Constructed a responsive UI shopping cart page using **HTML**, **Liquid**, and **CSS** to increase the amount of sales conversions and increase user flexibility when using the UI. This change increased the sales conversions by approximately **8%**.
- Researched, suggested, and executed methods to optimize the website's speed by compressing images, and videos, reducing/deleting obsolete backend code that had caused the website to slow down to increase the website speed performance by **15%**.
- Fixed bugs and maintained the website by solving video issues, scrolling animation bugs, and other issues that caused UI bugs on the website to prevent a bad user experience.
- Integrated AfterPay to enable the BNPL feature for the products on the desktop website and the AMP site. It was accomplished using **JavaScript**, **Shopify Themes**, and **ShopSheriff**.
- Contributed constructive ideas, helped and guided peers over merging issues on **GitHub**, website optimization articles, and constant updates/PowerPoints based on the changes done on the website during weekly sprints and meetings. Accomplished using **Google Docs**, **PowerPoint**, **Slack**, and **Trello**.

Google Student Development Club | Co - Technical Lead | Kingston, ON

August 2021 - September 2022

- Co-hosted seminars on a beginner's introduction to web development.
- Constructed a presentation and assisted the members in making a basic webpage using **HTML** and **CSS**.
- Co-hosted a live demo on creating a custom personal portfolio.
- Contributed to the **UI/UX** design for the custom website, which will represent the Queen's GDSC team.

QHDT Pressure & Temperature Braking System | Team Member | Kingston, ON

December 2020 - April 2021

- Worked in a multidisciplinary team to design the pressure and temperature system for the Queen Hyperloop Design Team for my APSC 100 Module 3 project.
- Constructed and programmed pressure and temperature braking system using **Arduino** and modeled through **SolidWorks**, based on specific project requirements prescribed by the Queen's Hyperloop Design Team.
- Programmed the pressure and temperature braking system algorithms using **Arduino** and **C++**.
- The pressure and temperature braking system designed was selected amongst the top percent of projects to be used for the actual hyperloop as a backup in that year's competition.

Projects

Newegg.ca Product Scraper

- An app that allows users to enter the name of a product or GPU, the results are requested from Newegg.ca.
- Results display the product's name, price, and link.
- Accomplished using **Python** and the web-scraping library **BeautifulSoup**.

Personal Portfolio

- A custom personal portfolio that presents who I am and my skills and features some projects I have accomplished.
- Made using **HTML**, **CSS**, **Bootstrap**, and **JavaScript**.

Weather App

- An app that allows one to search a country or city and display its temperature and weather conditions.
- Made using **React.js**, **JavaScript**, **CSS**, and **OpenWeatherMap's Weather API**.

RecipeHunt App

- An app that allows users to find recipes based on the ingredients they have at home. The application will provide a list of recipes that use those ingredients.
- A hackathon project for Hack the 6ix.
- Programmed the front-end and the ingredient selection logic using **HTML**, **EJS**, **CSS**, **Node.js**, **Bootstrap**, and **JavaScript**.