



PARSA MESGARHA

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TECHNICAL SKILLS

Languages: Python, HTML5, CSS3, SQL, Markdown

Developer Tools: Vim, VSCode, Git, Zsh, Bash

Technologies/Frameworks: macOS, Linux, Flask, GitHub, Heroku, Jekyll, Bootstrap, SQLite, PostgreSQL

PROJECTS

Blogging Web App | *Python, Flask, Bootstrap, PostgreSQL, Heroku*

May 2021

- Built a web application using Flask and Bootstrap which allow users to register, publish, edit and delete posts.
- Stores user information in the back-end of the app and hashes the inputted password which is then stored into a PostgreSQL database.
- Deployed the web app to Heroku which serves all components of the application.

Personal Website | *Jekyll, GitHub Pages*

April 2021

- Started a personal website for posting book notes and articles about various topics.
- Used Jekyll to write posts in Markdown which gets transformed in HTML after deployment.
- Hosted on GitHub pages and learnt how to use Git for deploying.
- Visited by 10 users a month and people have gained value from the book notes and articles.

Item Availability Bot | *Python, BeautifulSoup*

March 2021

- Developed an automatic bot using Python and SMTPlib to email users when an item is back in stock.
- Implemented BeautifulSoup to parse the correct elements of the web page in order to interact with the HTML code.
- Retrieved data from web page elements created as instances through HTTP requests.
- Used by 5 people and forked to tailor for their needs.

EDUCATION

City and Islington College - Centre for Business, Arts and Technology

Sep 2019 – June 2021

BTEC Level 3 Extended Diploma in Information Technology

Islington, London

- Achieved a final grade of D*D*D (equivalent to A*A*A in A-Levels).
- Achieved a Distinction Distinction (DD) grade in the first year.
- Written long form assignments related to the subject of Information Technology.

The Compton School

Sep 2014 – June 2019

GCSE (9-1)

Barnet, London

- Achieved 5 GCSE's at grade 4 and above.
- Achieved GCSE grade 5 in English Literature and Language.
- Retook GCSE Maths exam resulting in achieving a grade 4.

LEADERSHIP / EXTRACURRICULAR

Primary School Open Day

May 2019

Computer Science Department Organiser

The Compton School

- Led the open day for the Computer Science department where students from year 6 would come with their parents to have a look at what was being taught.
- Cooperated with 5 other peers to set up workshops and activities for students to take part in.
- Communicated with parents and answered enquiries about how important technology has impacted the world where Computer Science plays a role.

Homeless Action in Barnet Charity Event

December 2018

Donation Organiser

The Compton School

- Took independent part in helping homeless people gain better support through donations made by other students.
- Baked handmade cakes and visited the shelter to donate to the less fortunate.
- Lead the process from cake sales and resulted in just over £90 in donations which was given to the shelter.