Jeeivan Srividiyakaran

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I am a musculoskeletal physiotherapist looking to start a career in tech. As an amateur coder, I aim to build on the experience I have gained through my own self-teaching and secure a career as a software developer. I believe I can excel in the tech industry as I am a committed, determined, and reliable professional, and I pride myself on being able to adapt to new situations and overcome challenges. I relish the idea of improving my skills and gaining a meaningful understanding of the Software Engineering field and I'm confident I can work effectively both on my own and as part of a multidisciplinary team.

Education

King's College London, Sept 2018 – July 2021

Bachelor's Degree in Physiotherapy (2:1)

First class in Understanding Musculoskeletal Problems, Client-centred Goals and Reflective Practice

Dartford Grammar School 2011 - 2018

International Baccalaureate Diploma (IB) – 36 points:

Higher level subjects: Biology [6], Chemistry [5], Psychology [6].

Standard level subjects: Mathematics [6], English [5], French [6].

Core subjects: Theory of Knowledge and Extended Essay [2].

General Certificate of Secondary Education (GCSE):

11 GCSEs including A* in Mathematics

Experience

Completed Learn Python 3 Course, Jan 2023

Organisation – Codecacademy

- Beginner course into using Python
- Completed my own projects
- Projects overview:
- Magic 8 Ball
  - A quick project covering if and else statements and also using the random function to generate random numbers. A comprehensive introduction to the usage of if loops.
- Scrabble

- A fairly easy project which also involved iterating through keys and values in a dictionary, leaving me with more confidence in using loops for other projects.
- Counter app
  - This project involved using a database to create an app that involves the use of increments and decrements. I was also introduced to HTML and CSS and the importance of front end coding.
- Rock, paper, scissors
  - A project involving variables, conditionals, string interpolation, databases, routing, functions.
- A script to grab YouTube data
  - This project involved using functions and dictionaries. I was also introduced to APIs and how to request them from any YouTube channel to retrieve data and input the response into my code.
- Guess the number
  - This project made use of the following functions: random function, iterations and database to get a random number. I also made use of HTML to display the application.
- Video game competitive guide
  - This project involved the use of inputs to make my own menu for a program that demonstrates a guide with a variety of tips for players. This also involves adding entries to a dictionary. To make my project more complex I included reading and writing to files, the data stored in these files are the dictionaries used in the program, meaning any additions the user makes the data will be saved for the next time the application is used.

Event - 'Want to become a software engineer'

Date - 22/03/2023

- Online webinar involving a software engineer sharing their story from a previous pharmacist in the NHS.
- Involved a coding workshop giving a taster in javascript, HTML and CSS.
- Great experience in gaining the knowledge and resources from an individual with a similar background who learnt to code themselves.

- It was very interesting to see how javascript works with HTML, as it is a language I intend to learn in the future

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Employment

Musculoskeletal Physiotherapist, Sept 2021-

Company - Kent Community Health Foundation Trust

Following University, I was fortunate to start working in an outpatient musculoskeletal physiotherapist where I was treating and diagnosing musculoskeletal conditions that involve bone, muscle, joint and nerve conditions.

Interests/Hobbies

I enjoy playing football, tennis and dodgeball as well as gaming. I also enjoy going to the gym 3 times a week. I also enjoy playing the guitar.