

# Mahdi Toussi

London-based Developer

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## EDUCATION

### Queen Mary University of London

Bachelor of Science in Computer Science, Year 1: 77.8%, Year 2: 77.5%, Year 3: TBD

England, UK

Sep. 2020 – Present

### St Dominic College

A-Level Persian, Maths, Biology, Chemistry - A\*BBC

England, UK

Sep. 2018 – Jun. 2020

### Preston Manor

GCSE 10 grades at 9 - 5, five 9 - 7 including Maths, English and Computer Science

England, UK

Sep. 2013 – Jul. 2018

## EXPERIENCE

### Teaching Assistant

Queen Mary University

Sep 2022 – Present

London, UK

- Helped the lecturer organise and manage classrooms. Duties involved teaching the Database System module by explaining key concepts and filling in any gaps in knowledge as well as marking scripts and giving feedback.

### Full-stack Website Development Internship

KiyanPay (Now Known as Kixy)

Aug 2021 – Sep 2021

London, UK

- Contributed to internal market research by examining other competitors and making a study on it, in addition I participated in quality assurance of other UX designs. Designed a new layout and a new business page for the company, by using Figma alongside following the company's UX guidelines. Due to the outstanding product that I presented to the cohort of the company, my product was shortlisted with all the other engineers proposals, alongside achieving a bonus cash prize

### Information Technology

Alayn Social Care Foundation

Jun 2018 – Aug 2018

London, UK

- Improved the search algorithm of Alayn's internal storage by 26% by converting the original linear search to binary search. Presented these changes to my supervisor who implemented these changes to her workflow. Organised client data into spreadsheet allowing the team to easily send charity boxes to donators

## PROJECTS

### Personal Website ([mahdi2c.github.io/Personal-Website](https://mahdi2c.github.io/Personal-Website)) | HTML, CSS, JavaScript

Jun 2022 – Aug 2022

- A personal portfolio website that was created to allow users to learn more about my work. For this project I refrained from using any frameworks as they were limiting, and wanted to integrate low-level media queries and adhere to Google Lighthouse audit in terms of responsiveness and accessibility. Feel free to visit the website to view all of my projects

### Weather Application | React, API, JavaScript, HTML, CSS

Jan 2022 – Apr 2022

- Led a group to create a weather application that was aimed towards cyclists with real-time information on current weather. Took the responsibility of coding all the back-end code and API implementations

### Exam System | HTML, CSS, JavaScript

Sep 2021 – Aug 2022

- A year long project with over 3000 lines of code. This exam system was created using object orientated principles in JavaScript. The project aimed to create a website that allowed users to enrol on modules and take exams, and have their exams marked by other users. Selected by the University as the top 5 best projects in the year

### COVID Tracking Database | SQL, Visual Paradigm

Sep 2021 – Dec 2021

- Led a group to design a flexible database schema on tracking infectious diseases. This database was designed by first mapping out the plan of the schema using an ER Diagram via Visual Paradigm. Adhering to normalisation standards, we achieved 3NF, allowing the database to be more stable to changes, and allow the adding of data

## CORE SKILLS

**Programming Languages:** HTML, CSS(Bootstrap, CSSless), SQL, PHP(cakePHP), Python, C#, JavaScript(React), Java  
**Languages:** Fluent in: English and Persian | Currently learning: Japanese and French

## HOBBIES

### Founder of Queen Mary Esports Team

- I initiated recruitment drives, developing an environment where students at the university were able to communicate effectively together in order to participate in different Esports tournaments

### Amateur Violinist

- I have been developing and honing my skills, for 11 months, in the hopes of one day improving enough to replicate and play my favourite pieces.