Mahdi Toussi
London-based Developer

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EDUCATION

Queen Mary University of London   England, UK
Bachelor of Science in Computer Science, Year 1: 77.8%, Year 2: 77.5%, Year 3: TBD   *Sep. 2020 – Present*

St Dominic College   England, UK
A-Level Persian, Maths, Biology, Chemistry - A*BBC   *Sep. 2018 – Jun. 2020*

Preston Manor   England, UK
GCSE Grades 9-5, including 7 in English, Maths and Computer Science   *Sep. 2013 – Jul. 2018*

EXPERIENCE

Full-stack Website Development Internship   Aug 2021 – Sep 2021
KiyanPay (Now Known as Kixy)   *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   Jun 2018 – Aug 2018
Alayn Social Care Foundation   *London, UK*

- Improved the search algorithm of Al-Ayn'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 | *HTML, CSS, JavaScript*   Jun 2022 – Aug 2022

- A personal portfolio website that was created to allow users to learn more about my work
- The website used media queries achieving full responsiveness, allowing it to look good in all resolutions
- To learn more and view the website visit my Git

Weather Application | *React, API, JavaScript, HTML, CSS*   Jan 2022 – Apr 2022

- Collaborated and led a group to create a weather application that gave 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

- Year-long project that was created with a group
- Object Orientated Principles were used in JavaScript to create the three different members of the system: Trainee, Trainer, Administrator
- Selected by the University as the top 5 best projects in the year
- This project was in depth and complex, to learn more visit Git where it is thoroughly documented

COVID Tracking Database | *SQL, Visual Paradigm*   Sep 2021 – Dec 2021

- Led a group to design a flexible database schema on tracking infectious diseases
- 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

Blogging website | *HTML, CSS, JavaScript, PHP*   Nov 2020 – Jan 2021

- Created a website that used an integrated secure login system that I created which adheres to the PHP security practises
- Website feature implemented a UI which allows the user to preview their blog before posting to make any last minute changes.
- Using PHP and connecting to a database the website would check your details. If it matched a session was created, allowing you to make your own personal blogs.

TECHNICAL SKILLS

Programming Languages: HTML, CSS, SQL, PHP, Python, C#, JavaScript, Java
Frameworks: React, Bootstrap, cakePHP
Developer Tools: GitHub, Visual Studio, BlueJ, IntelliJ, Eclipse, Visual Paradigm, Figma
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 inorder 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.

REFERENCES

References available upon request