**Curriculum Vitae – Ismail Osman**

2 Barfield Avenue London N20 0DE

Mobile number: 07985476991   Email: [osman\_1997@hotmail.co.uk](mailto:osman_1997@hotmail.co.uk)

**Personal Profile**

Graduated with a master’s degree in Chemistry at King’s College London. I used software such as MobaXterm, Linux, PYMOL and chemdraw to analyse drug-receptor interactions. The project helped improve my technical skills.

I am now enrolled in a digital skills bootcamp with JustIT. My objective is to learn new technologies such as HTML, CSS and JavaScript to land my first job as a junior developer. Currently working on my portfolio page to add some projects.

Working as a junior developer will help enhance my programming skills. I aim to be a life-long learner and in software development there is continuous learning opportunities.

**Education and IT Training**

**September 2022/present Just IT Training Ltd, London**

**Digital Skills Bootcamp: Software Development**

A twelve-week intensive bootcamp covering the fundamentals of Web and Software development.

**2016-2020 King’s College, London**

**Master of Science in Chemistry (upper second-class honours)**

**Core Modules:** Computational chemistry, Mathematics for chemists, Integrated

chemistry laboratory and Research methods.

**Third year project** *“Copper homeostasis in biology”.*

**Final Year Project:** *“optimising reaction conditions for radiolabelling of  99mTc”.*

**2013-2015 Hendon School, London**

**A Level:** Mathematics (A), Chemistry (A), Economics (B), Biology AS (B).

**IT Skills**

**Web Technology:** HTML, CSS, JavaScript and NodeJS.

**Core Programming Languages:** JavaScript

**Projects:**

* Creating a responsive website page for a restaurant using HTML, CSS and JavaScript.
* Creating a mini gaming website between two players which has a configuration modal and form submission.
* Creating a web page where customers review their favourite restaurants using Node JS.

**Employment History**

**Jan 2021 – Nov 2021 Scientific Analyst at Prenetics (Heathrow Airport)**

* As an analyst I was responsible for processing SARS-CoV-2 samples of passengers through RNA extraction and PCR techniques.
* It was important that customers got their result certificates on time.
* To achieve this, I would communicate verbally and via email with the admin team to give us an estimated time of arrival for the patient samples.
* More importantly I had to work as a team with my colleagues and we would normally organise ourselves into smaller groups.
* This way we had good time management and delivered results to customers in a timely manner.

**Nov 2021 – Sep 2022 Chemistry Analyst at Bio-Products-Laboratory (Elstree)**

* Working in the quality control department of a pharma company which manufactures blood plasma products for patients helping improve quality of life.
* Had to communicate through email with the production time to give an estimated time of arrival of when samples will arrive.
* Once samples arrived, I would use scientific methods of analysis such as HPLC and GC to determine their chemical composition.
* This had to be done with good manufacturing practice and with high attention to detail.
* I would organise and manage my own time efficiently such as going on my breaks/lunch at the right times.
* I also had to be proactive when there was no scientific to do, such as doing some archiving, room checks, inventory etc.

**Transferable skills**

* Problem-solving: To help interpret my lab results during research I would read articles online specific to the problem I was facing.
* Attention to detail: while I worked in quality control a great deal of focus and accuracy was required to minimise errors in my work.
* Analytical skills: During my degree I would be presented with complex problems and to come up with a solution I would not only have to apply my theoretical knowledge but also use logic.

**Interests and Achievements**