Mahamed M. Abdirahman

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EDUCATION

Kingston University London   **London, England**
B.S. in Computer Science   *Expected Graduation, May 2026*
  - o   **Concentrations:** Software Engineering
  - o   **Predicted grade:** 1st
  - o   **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

EXPERIENCE

Kingston Universities' Nooblab   **London, England**
Game Developer   *Jan 2024 – May 2024*
  - Utilized Java and its to develop a game of blackjack.
  - Developed the graphical user interface on the game to allow the users to visualize the game.

Howard Hughes Medical Institute   **London, England**
Data Engineering Intern   *Jun 2019 – Aug 2019*
  - Used MATLAB video annotation library to segment out limbs of fruit flies to determine how different stimuli applied to the flies affect their movements and behavior
  - Trained certain machine learning algorithms that ultimately predicted limb movements with a 92.7% accuracy
  - Developed and implemented a user interface on Python and MATLAB to track the performances of the algorithms, to produce confusion matrices, and to display performance metrics

PROJECTS

Coding Website   **London, England**
                                                                                                          Jun 2023 – July 2023
  - Developed a website for coding interview that is meant to help people gain a better understanding of different programming languages and help them prepare for coding interviews.
  - Designed and launched a responsive website with [number] unique visitors per month, serving as a valuable platform for user acquisition and product promotion.
  - Link (http://mocodehelper-107af67592a1.herokuapp.com)

Messaging App   **London, England**
                                                                                                          Nov 2024 – Jan 2024
  - Created a messaging app that will help people connect and communicate with other from anywhere in the world.
  - Implemented SEO strategies resulting in a 25% increase in organic website traffic within the first six months, enhancing the visibility and reach of the messaging app to potential users.

ACTIVITIES AND LEADERSHIP

Kingston University's Freshers   **London, England**
Teaching Assistant for CS 2340 (Computing Fundamentals)   *Aug 2024 – Dec 2024*

Muslim Student Association   **London, England**
Member   *Aug 2023 – Current*
  - Member of an organization of 100+ members, hosting religious events, managing a board of executives, and reaching out to the underprivileged community in London

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C, Swift (iOS)
Tools: Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile, Vs code