Anas Rustom

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EDUCATION

Qatar University   **Doha**
B.Sc. in Computer Science   May 2027
   GPA: 4.00/4.00 - Dean's List & Honor's
   Relevant coursework: Programming Concepts, Java OOP, Data Structures and Algorithms, Discrete Structures, Design & Analysis of Algorithms, Fundamentals of Database, Computer Architecture, Web Development, and Software Engineering.

EXPERIENCE

Artificial Intelligence (AI) Research Intern   **May 2024 - July 2024**
Qatar Computing Research Institute

- Leveraged data science and visualization libraries, including Pandas, Seaborn, and Matplotlib, to process and present complex datasets effectively.
- Partnered with Qatar Biomedical Research Institute (QBRI) to design and implement a Python algorithm utilizing eye-tracking data for the successful diagnosis of autism spectrum disorder (ASD) in young children and adults. Helped develop an Autism Risk Index (ARI) and created comprehensive ARI data visualizations.
- Developed an advanced desktop application utilizing React.JS and Flask to calculate the ARI. This diagnostic tool is projected to assist over 330 patients in the coming year. Currently planning the deployment of this innovative diagnostic tool across four healthcare centers in Qatar.

Co-Chair of the ACM Chapter   **May 2024 - Present**
Qatar University

- Spearheaded initiatives to promote computational thinking, organized high-impact tech workshops and seminars and fostered a collaborative environment among students and industry professionals.

Hacker Role | *React.JS, HTML, CSS, JavaScript*   **Feb 2024**
LifeLines CMUQ Hackathon

- Designed and developed the web project *Infomania* during the *LifeLines CMUQ Hackathon 2024*, enhancing the safety and integrity of journalists.

Freelancer   **2023 - Present**

- Built websites and interfaces for clients including *Beirut Restaurant, QISMUN, ACM Chapter @ QU*, and more.

PROJECTS

Pomodoro & Tasklist Web App | *JQuery, React.JS, HTML, CSS, JavaScript*   **Dec 2023**

- Developed a Pomodoro timer web app with advanced features such as white noise toggle, sound choice, volume control, and theme customization.
- Designed a dynamic task list feature for task management, including editing, adding, and deleting tasks.
- Implemented user preferences storage using browser localStorage.
- Demonstrated proficiency in advanced JavaScript and modern front-end design.

UltraVerse - NFT Market Place | *React.JS, HTML, CSS, JavaScript*   **Oct 2023 - Jan 2024**

- Developed an NFT marketplace as part of the Front-End Simplified course.
- Created a responsive marketplace for browsing, filtering, and interacting with NFTs.
- Integrated sections for hot collections, best-selling creators, and the latest additions to enhance user engagement.
- Implemented customizable filters and a follow feature for users to connect with favorite creators.
- Showcased problem-solving and collaborative skills by working with interns to overcome challenges.

AWARDS

   1st Rank in Qatar on the competitive programming platform, *CodeChef*.
   Honor's Program member.

SKILLS

Programming: Java, JavaScript, Python, HTML, CSS, JQuery, ReactJS, SQL, D3.js, AJAX, Node.js

Tools: Git, Redux, Bootstrap, SASS, GitHub Desktop, Visual Studio, VSCode, PyCharm, Eclipse