

Anas Rustom

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EDUCATION

Qatar University

B.Sc. in Computer Science with Honors

GPA: 3.83/4.00

Vice President's List: May 2024 – Present

Dean's List: Dec. 2023 – Present

Relevant Coursework: Java OOP, Data Structures and Algorithms, Discrete Structures, Design & Analysis of Algorithms, Fundamentals of Database, Computer Architecture, Web Development, Artificial Intelligence (AI), Mobile App Development, and Software Engineering.

Doha, Qatar

Aug. 2023 – May 2027

EXPERIENCE

Qatar Computing Research Institute (QCRI)

Research Assistant

Jan. 2025 – Present

Doha, Qatar

- Named co-author on three submitted papers under Dr. Bernard J. Jansen; led dataset prep, statistical analysis, and figure/table creation.
- Conducting multi-modal EEG-based user studies, managing data acquisition, EEG device calibration (EMOTIV EPOC X), and real-time data collection, enhancing the reliability of emotional and cognitive response analysis.

Vora

Co-Founder & CEO | www.vora.qa

May 2025 – Present

Doha, Qatar

- Founding an AI-powered optimizer for air conditioners in Gulf climates; GCC-tuned AI model adjusts temperature, humidity, and schedules to cut cooling energy up to 30% without comfort loss.
- Shipping the MVP and early traction: delivering a live prototype + demo app, launched vora.qa with a beta waitlist, and drove early sign-ups.
- Built the go-to-market from zero: crafted investor/judge pitches, led customer discovery and pricing tests, and opened B2B channels with installers/property managers.

SIEMENS

Grid Software Intern

June 2025 – July, 2025

Doha, Qatar

- Spearheaded end-to-end pilot deployment of Siemens MindConnect software across Msheireb Properties sites, coordinating field engineers, integrating AMI data streams (MQTT/Modbus/BACnet).
- Designed and delivered client-branded Power BI dashboards with embedded AI predictive models, automating energy-consumption forecasting, temperature-impact analysis and renewable-utilization insights for Kahramaa leadership.
- Authored critical technical and commercial documentation, including a EWA Bahrain proposal and a comprehensive Business Requirements Document

Hamad Medical Corporation (HMC)

Machine Learning Intern

Mar. 2025 – May 2025

Doha, Qatar

- Developed and optimized a convolutional neural network (CNN) model achieving 90% accuracy in classifying melanoma images by using deep learning and computer vision applications with Python and Keras.
- Conducted systematic hyperparameter tuning and data augmentation strategies, improving model generalization and performance on medical imaging datasets.

E-Butler

Software Developer Intern

July 2024 – Aug. 2024

Doha, Qatar

- Developed and optimized middleware code for the DFC virtual mall platform, improving system performance, scalability, and secure transaction handling between frontend and backend systems.
- Enhanced system architecture, boosting transaction efficiency by 30%, and designed automated, dynamic email templates, streamlining over 1,000 personalized customer communications.

Qatar Computing Research Institute (QCRI)

Artificial Intelligence Research Intern

May 2024 – July 2024

Doha, Qatar

- 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.
- Created an Autism Risk Index (ARI) and developed an AI-powered desktop application using React.JS and Flask, projected to assist 330+ patients. The diagnostic tool is set for deployment across 4 healthcare centers in Qatar.

LEADERSHIP & ACTIVITIES

ACM Chapter

Qatar University

President

Feb. 2025 – Present

- Coordinated a variety of events designed to strengthen computing skills, such as programming competitions, hackathons, interactive workshops, seminars, and numerous upcoming activities that promise to engage and inspire our members and students.

Vice-President

May 2024 – Feb. 2025

- As the Co-Founder of the ACM Chapter at Qatar University, I had a major role in defining the chapter's mission and establishing its organizational architecture. Working closely with the executive team of 50.

Microsoft Club

Qatar University

Treasurer

Oct. 2024 – Feb. 2025

- Expanded the reach of Microsoft technologies within Qatar University by organizing workshops and seminars that showcased innovative solutions and practical applications for students.

AWARDS

First Place Winner

May 2025

Qatar Innovation Program

- Awarded 1st place in the Qatar Innovation Program (500+ participants) for our startup "Vora", earning the opportunity to represent Qatar at the Arab IoT & AI Challenge during GITEX GLOBAL in Dubai.

First Place Winner

Nov. 2024

Artificial Intelligence Association

- Awarded 1st Place in the Artificial Intelligence Crime Investigation Coding Competition at Qatar University's AI Week, sponsored by Vodafone. I used advanced AI tools and libraries to accurately and swiftly solve a complex missing person case.

ACPC Qualifier

Sept. 2024

ICPC Africa & Arab Collegiate Programming Championship

- Successfully qualified for the Africa & Arab Collegiate Programming Championship (ACPC) after securing a top position (2nd Team in Qatar University) at the highly competitive Qatar Collegiate Programming Contest (QCPC).

1st Rank in Qatar

Dec. 2023

CodeChef – Competitive Programming Platform

- Secured 1st rank in Qatar on CodeChef after consistently excelling in numerous highly competitive international coding contests.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, HTML/CSS, DAX, Power Query M

Frameworks: React, Next.js, Flask, Bootstrap, Sass

Data/ML: pandas, NumPy, Matplotlib, Seaborn, Plotly

Tools: Git, Power BI, LaTeX, Postman, WordPress, D3.js, ReportLab, Beautiful Soup, Pillow