Usama Ejaz

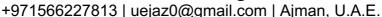+971566227813 | uejaz0@gmail.com | Ajman, U.A.E.

EDUCATION

National University of Sciences & Technology (NUST) | Islamabad, Pakistan   July 2022
Bachelor of Engineering in Software Engineering, Cumulative GPA: 3.43

Relevant Courses: Software Project Management, Software Construction, Software Engineering, Software Design & Architecture, Database Systems.
Honors: 1st place in CodeFest'21, organized by Google Developer Student Club, NUST.
Awards: Dean's High Achiever Award, 2021.

EXPERIENCE

Nustac Technologies | Islamabad, Pakistan   Mar 2021 – Present
Founder & Technical Lead
- Led a cross-functional team of 8 people ranging from mobile application development, web development, operations & marketing.
- Developed various web and mobile business solutions for organizations to build their digital presence & increase recognition online mainly using Flutter, Dart, MySQL, ReactJS, Firebase, Express, NodeJS.

Afiniti Ltd. | Karachi, Pakistan   Sep 2020 – Oct 2020
Software Quality Assurance Intern
- Assessed the functionality of a VoIP communication software upto 90% by performing black-box testing.
- Covered the white-box testing of Avaya communication software up to 10% by writing unit test cases.

TUKL, NUST Research and Development Center | Islamabad, Pakistan   Jun 2020 – Sep 2020
Machine Learning Intern
- Performed classification and localization of disease with bounding boxes from chest x-ray images with 87.35% accuracy by using transfer learning and Keras-FRCNN package.
- Created a facial recognition model and achieved 91% by using OpenCV and transfer learning with MobileNet.

LEADERSHIP & DEVELOPMENT

Google Developer Student Club | Islamabad, Pakistan   Oct 2021 – Jul 2022
Flutter Lead
- Appointed as the GDSC Flutter Lead among more than 200 people for hosting workshops, building projects, community learning, network growth and professional growth.

Director Youth Entrepreneurial Society | Islamabad, Pakistan   Oct 2021 – Dec 2022
Deputy Director SEECS Government Association | Islamabad, Pakistan   Jul 2020 – Jul 2021

PROJECTS

Used Cars Price Prediction (React, Python, Node, MongoDB, Flask)
- Used Beautiful Soup and Selenium to scrap static and dynamic websites for used car listings.
- Utilized TensorFlow to build neural network to achieve 94% accuracy for used car valuation using 9 features.
- Covered unit test over 70% of the system using Mocha, a JavaScript test framework.
- Used Flask & Ngrok to deploy the develop and deploy the API to be used in the website for price prediction.

Order Management Application (Flutter, Dart, Firebase)
- Developed a flutter application to store and manage real time status of orders received by the client.
- Leveraged Firebase Firestore with flutter StreamBuilder to provide real-time data management capabilities.

SKILLS

- Java, JavaScript, Python, SQL, HTML, CSS
- Git, React, Firebase, MongoDB, PostgreSQL, MySQL, Docker, Unix