

Usama Ejaz

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EDUCATION

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

July 2022

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
Founder & Technical Lead

Mar 2021 – Present

- Led a cross-functional team of 8 people ranging from mobile application development, web development, operations & marketing.
- Developed web and mobile business solutions for organizations to build their digital presence & increase recognition online mainly using Flutter, Dart, MySQL, ReactJS, Firebase, Express, NodeJS.

Freelancer Ltd. | Islamabad, Pakistan
Self Employed Software Engineer

Jan 2020 – Feb 2021

- Completed 60+ diverse projects with 5-star rating while being in top 3% Java programmer on the platform.

Afiniti Ltd. | Karachi, Pakistan
Software Quality Assurance Intern

Sep 2020 – Oct 2020

- Assessed the functionality of a VoIP calling 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
Machine Learning Intern

Jun 2020 – Sep 2020

- 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
Flutter Lead

Oct 2021 – Jul 2022

- 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 ANNs to achieve 94% accuracy for used car valuation using 9 features.
- Used Flask & Ngrok to develop and deploy the API to be used in the website for price prediction.

Gooba - Virtual AI Assistant (Python, Flask, HTML, CSS, JavaScript)

- Developed an AI assistant to increase user retention rate by providing chat options and fun activities.

Real-time Order Management Application (Flutter, Dart, Firebase)

Marson's Yard Desktop Accounting Software (Java, JavaFx, MySQL)

SKILLS

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