

Muhammad Kumail

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EDUCATION

National University of Sciences and Technology (SEECS)

Bachelor of Computer Sciences (5th Semester)

Islamabad, Pakistan

Expected June 2022

Hamza Army Public College & School

Rawalpindi, Pakistan

March 2006 - May 2018

WORK EXPERIENCE

Afiniti - Lahore

Aug - Sep 2020

- Worked as a Software Quality Assurance Intern for a recently developed software by Afiniti in a group of 70+ students from all backgrounds under flexible timings during the tenure.
- The work helped me build strong analytical approach, and the agile feedbacks and suggestions improved the product to a greater extent.
- Gained keen knowledge of working under big corporate and been able to blend into their working environment.

PsychHelp – StudentCode-in

June – Aug 2020

- Open Source project aiming to connect patients with doctors to help people psychologically and giving them advice.
- Contributed to the project over MERN as the web stack.
- Resolved the issues of setting up the express server, contact us rendering, and form validation.
- Core benefit: Reaching remote people deprived of good medical facilities.

ROMI Lab - SEECS, NUST

Apr 2020 - present

- Machine Learning Research Internship on a project mainly aimed to convert 2D images into 3D.
- Enumerating the 2D-3D normal prediction algorithm for the alignment of an image.
- Core benefit: object visualization for Urban cities, Generating/Evaluating Building Hypothesis.

Vyro.ai (Startup) - TIC, NUST

Feb – Apr 2019

- Graphic Designer Intern mainly aimed to create face models for a photo editing mobile app using AI.
- The face features were designed using photoshop and illustrator. Used scripting for automation of rendering.
- The automation reduced the office overhead and labour by 60%. The initial boost helped the app to attain 1M+ downloads in the play store within a year.

ACTIVITIES

AWS Campus Ambassador

Apr 2020 – present

Aim: Hosting webinars based on AWS and cloud-based technologies, creating Pakistani official AWS community, and collaborating with cohorts across the globe to conduct massive level hackathons.

Microsoft Learn Student Ambassador

May 2020 - present

Aim: Hosting events based on Microsoft Azure technologies. Was shortlisted among the first few applicants of Microsoft Innovative Educator. Mentored more than 10 candidates personally for their skills and upbringing.

Millennium Fellowship 2019

Aug - Dec 2019

Selected among the **15%** candidates from over **7K+** applications. Attended leadership sessions powered by UNAI. Promoted SDG# 4 through the project 'Street Schools.' Impacted **50+** families. Currently handling the recruitment of future social entrepreneurs at MCN.

DSC Lead - NUST

June 2020 - present

2nd ever lead from NUST and Pakistani DSC Chapter. Involves leading club for knowledge, learning and community building. Train industry leaders using Google Developers program. Mentoring people to become the next Google Developer Expert.

PROJECTS

SEEKH - A web application developed on HTML/CSS and node/express.js with MySQL as the database - An entry test application that serves the purpose of educating underprivileged people for higher studies.

AWS Community Pakistan - A web application developed on bootstrap and node.js. It involves making students aware of the events and workshops of AWS in parallel with building a solid community of AWS within the region. The app is to be made serverless using AWS Lambda and API gateway, which nullifies the use of the server for each client.

Baatcheet - A messenger android app aimed to connect people's emotions with others. Written in Java and Firebase.

Yelpcamp - A web app made using node.js and HTML/CSS. Serving the purpose to connect camping, loving people with their experiences.

Voice-Controlled Car - Made using an Arduino board that can be controlled using voice commands from a mobile app.

OTHER

Technical Skills: Advanced in SQL, PHP, Javascript, HTML/CSS, node.js, bootstrap, semanticUI, React; Proficient in java, Python, C/C++

Soft Skills: Leadership, Time management, Effective Communication.

Certifications & Training: 13x Qwiklabs certified in advanced Machine learning, Data Science, Bigquery techniques. AWS training certified in DynamoDB, ECS, ML. Performance Assessment at UNICEF.

Languages: Fluent in English and Urdu.

Awards: Mathometer winner (2017) at IST (5000+ participants)