Talha Abdul Qadir Khatri

A computer scientist with a keen interest in creating solutions to challenging problems using the latest technologies and giving back to the community.

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EXPERIENCE

Recurship, Karachi— *Software Developer*

JUNE 2017 - JULY 2018

- Worked on Benefit and Budgeting Calculator by policyinpractice.co.uk, which is software that uses a scientific approach to help people in UK calculate their welfare and how much better off they would be with working. Used Angular on the frontend and koa, SQL in the backend.
- Was tasked with implementing weekly agile sprints, adding new features and unit tests.
- Implemented end to end testing of the application using Protractor, Selenium and Browserstack.
- Contribute to Opensource by adding multiple new features to ngpakistan.com, the local Angular Pakistan page.

The Citizens Foundation, Karachi— *Content Developer*

SEPTEMBER 2015 - MARCH 2016

- Designed the curriculum and course packs for the Alumni Development Program in the subjects of Math and English.
- These course packs were for underprivileged children in order to prepare them for university admission exams.
- Conducted practice examinations and scored them.
- Successfully worked with the team to get 6 underprivileged kids a full ride scholarship at the top universities of the country.

EDUCATION

Institute of Business Administration, Karachi— *BSCS*

JANUARY 2015 - DECEMBER 2018

Final Semester with a CGPA of 3.56

Pakistan International School, Jeddah — *A Levels*

AUGUST 2012 - JUNE 2014

PROJECTS

Chest X-Ray Classification Using Neural Networks

DECEMBER 2018

This was my final year project where we trained a neural network with thousands of x-ray images to predict diseases in a given chest x-ray.

Language Used: Python **Framework & Library**: PyTorch, Fast.ai

Sytner Audi Club App, UK

OCTOBER 2018

Completed a freelance job of converting a Vue.js web application to a Cordova based Mobile Application for the Sytner Audi Club, one of UK's largest car retailer.

Technologies Used: Vue.js, Cordova, Node.js

Angular Pakistan

NOVEMBER 2017

The official website of the Angular Pakistan community. Implemented event creation, user sign up, event registration and improved the overall UI & UX.

Framework Used: Angular **URL**: ngpakistan.com

ELECTIVES

Pattern Recognition
Image Processing
Natural Language Processing
Network Security
Systems Modelling & Simulation
Information Industry Structure
Distributed Systems

SKILLS

Programming Languages

Javascript, C, Java, Matlab, Processing, Python

Development

HTML5, CSS3, TypeScript, **Node.js**, Express.js, **Angular 5**, PHP, **Laravel, Ionic, Vue.js**

Tools

Visual Studio, Netbeans, VS Code, Git, Proto.io, Jupyter Notebook

Database

Oracle, MongoDB, MySql, Firebase

AWARDS

First Runner Up at Startup Weekend Karachi

50% Merit Scholarship at IBA for maintaining CGPA in top 5% of entire batch for entire 4 years.

First Position in the dean's list in Semesters 1, 2 and 3. **Second Position** in Semester 4.

Winner at IBA Code Fest, a Speed Programming Competition.

OTHER ACTIVITIES

Conducted a speed programming competition within IBA in 2017 and an inter-university competition at Probattle 2018.

Mentored at NgGirls, Karachi event. Taught young aspiring female students about Javascript & Angular.