ABBAS MOIZ

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Career Summary

Storyteller, web developer and data analyst digging through data seeking to discover new connections and patterns and weave new stories. Empowered with a First Principles approach from a training in Physics and comfortable in employing mathematical tools using a wide range of technologies from Matlab, Javascript, ReactJS, Django, Python to attack multilayered problems in agile teams for creatively researching new avenues of investigation and problem solving.

Technical Skills

- HTML5, CSS3, Bootstrap, Javascript, Jquery, Node, Express, Handlebars JS, Firebase, MySQL, Sequelize MongoDB, React Js, Angular JS, Python, Jupyter Notebook, Django, Matlab, Bash, Neural Networks, Computational Quantum Mechanical Modelling, Data Processing.
- Strong verbal communicator and presenter, experienced in working with and managing agile teams. Eloquent, persuasive and articulate writer.
- Calculus, Probability, Linear Algebra, Statistical Mechanics, Tensor math (General Relativity), Mathematical Methods in Physics and Engineering

Projects

Bamazon | Javascript, Node.js, MySQL | Github
Developing e-commerce business backend functionality for consumer facing transactions as well as client facing warehouse inventory activity

Final Project: 21 Days | Reactjs | Github | Website
A full stack application that tracks habits holding users accountable to goals using a ranking system. Responsible for building the login and sign up page of the application and setting up routing and query optimization.

ShoeString Travels | Javascript, Foursquare Api | Github
Responsible for designing user experience and program application logic for a web application which generates itineraries and activities for budget travellers based on geolocation.

Convolutional Neural Networks | Jupyter Notebook, tensorflow | Coursera Project
Convolutional network model written in the Jupyter notebook using tensorflow for image recognition.

Work Experience

Sales Associate   **Sporting Life**, Markham, August 2016-April 2017
- Identified client needs through strong communication and by building an understanding the product and the needs of various types of customers
- Built repeat clientele by providing superior customer service resulting in +200K in sales.

Financial Analyst   **Qineqt.Inc**, Karachi, September-December 2014
- Spearheaded long-format content creation due to the ability to analyze technologies on the market at more technical level.
- Produced in depth research increasing web traffic on personal content by as much as 300% and boosting overall web traffic by as much as 10%.

Education

Coding Boot Camp School of Continuing Studies, University of Toronto
                                                                      May-Nov 2018
- Leveraging a large number of technologies to build powerful full stack applications

The Deep Learning Specialization   **Coursera** Feb 2018
- Using Jupyter Notebook to build neural networks with a variety of architectures by employing a wide array of deep learning techniques

Bachelor of Science in Physics
Syed Babar Ali School of Science and Engineering (SBASSE) at Lahore University of
Management Sciences (LUMS), Lahore   2010- 2016

- Applying a first principles problem solving methodology to attempt flexible and creative problem solving using computational techniques including extensive use of MATLAB.
- Designing, implementing and reporting on computational optimization experiments.