ABBAS MOIZ

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Data driven full stack developer. Critical and creative problem solver with a background in Physics, concentrating in computational modelling developing data analysis and problem solving and culminating in a passion for deploying smart, data-driven solutions to the web.

Technical Skills

- **Technologies:** HTML5, CSS, 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
- Strong verbal communicator with presentation skills and experience working with and managing agile teams. Eloquent, persuasive and articulate writer.
- Applied mathematics training.

Projects

ShoeString Travels | Javascript, Foursquare Api | Github
Application generates itineraries from geolocation and activities for budget travellers.
Programmed application logic and User experience design.

StarWars | Javascript, CSS animations | Github
Single player javascript game.
Project creator. Building modular javascript functionality. CSS animations.

Train Scheduler | Javascript, Firebase, Moment.js | Github
Train time scheduling application.
Project Creator

Book Management Application | Sequelize, MySQL|
A used books marketplace for buyers and sellers
Implemented MySQL database using Sequelize.

Convolutional Neural Networks | iPython Notebook, tensorflow | Coursera Project
Convnet model written in the iPython notebook using tensorflow.
Project Creator

Work Experience

Financial Analyst   **Qineqt.Inc**, Karachi, September-December 2014
- Research and write quality content for publication, increasing web traffic by 10,000 views during the news cycle.
- Exposure to the cutting edge technologies such as artificial intelligence and big data which are driving innovations across industries and their transformative nature.

Education

Coding Boot Camp School of Continuing Studies, University of Toronto May-Nov 2018
- Programming on the front and back end and building a portfolio of full stack projects.

The Deep Learning Specialization   **Coursera** Feb 2018
- Using iPython Notebook to build neural networks with a variety of architectures.
- Experimenting with a broad number 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.