

# ABBAS MOIZ

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Full stack web developer using emergent data driven technologies such as Neural Networks and working towards closer integration of AI and web technologies. Working with HTML5, CSS, Javascript, Node, Firebase, MySQL, MongoDB React Js, Angular JS, Python, iPython, Django, Matlab and Bash. Experienced in working with agile teams. Critical and creative problem solver with a background in computational physics and a passion for AI and automation.

## Technical Skills

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- **Technologies:** HTML5, CSS, Bootstrap, Javascript, JQuery, Node, Express, Handlebars JS, Firebase, MySQL, Sequelize MongoDB React Js, Angular JS, Python, iPython, 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

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**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**

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### ***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**

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### **UOFT Coding Camp**

**University of Toronto** - March to November

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.