Kunal Malhotra

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EDUCATION

Birla Institute Of Technology And Science, Pilani Dubai Campus
B.E (Hons) in Computer Science | Class of '18

EXPERIENCE

IBM
Developer Advocate | Sept '17 - Present
- Developing applications, services and demos using IBM Cloud, Watson Services, Watson IoT, Watson Data Science Experience and Watson Blockchain.
- Working on accelerating the usage of Bluemix & Softlayer through ecosystem development and community events like bootcamps, workshops, meetups and hackathons.
- Provide technical mentorship - helping startups and developers build their application on Bluemix and integrate Watson cognitive services into their applications.

Startup Elves
Software Developer Intern | July '17 - Aug '17
- Interned at Startup Elves, in the app development team, working primarily in the android application development.
- Developed an android application(BeeHealthy) using technologies such as OpenCV, Google Cloud and Mobile Vision API.
- Developed Firebase backend for the application.

Paccked
Co-Founder | Oct'16 - Nov'17
- Product development lead.
- Developing mobile application (Android and iOS) under productivity and efficiency improvement category.
- Developed custom APIs to support the development of mobile applications.

Prof BankU
Tech Lead | June'15 - Present
- Product development lead.
- Developed an android application under e-learning category, helping student to prepare for government exams in India.

Innovation i360
Developer Intern | March'15 - May'15
- Innovation i360 technical team; worked primarily in HTML5 and CSS3 and occasionally PHP.
- Created a new database for the website www.turn8.co.
- Designed and developed a website know as www.devlab.com.

EXPERIENCE

- Won the **Developer Prize Award** and **Emirates Special Award for Best API** usage at IATA NDC Hackathon held in Dubai.
- Presented Paccked at IATA **International Business Travel Submit 2017** at Geneva, Switzerland.
- Won the **Bronze Medal** at the Ministry of Finance Smart Cities Hackathon held in Dubai.
- Won the **3rd Prize** and **incubation at Hamdan Innovation Incubator** at Hacka {MENA} Hackathon held in Dubai.

- Won the **2nd Prize (Best Use Of Data)** at Dubai Happiness TechSprint 2018 organized by Startupbootcamp and SAP.
- Received **1st place** in Code Jam 2016 organized by Oracle at Middlesex University Dubai.
- Received **2nd place** in IoTX Hackathon 2015 organized by Government Of Dubai.
- Received **3rd place** in Visa Digital Payment Hackathon 2016 held in Dubai.

Social Networking Sites Data Analysis
Prof. Siddhaling Urolagin | Aug'16 - Dec'16
- Implemented a system that generates a number (confidence level) for the truth ness of a tweets. Collected data from Twitter Data Streaming API using flume and stored it in local HDFS implementation and then using Natural Language processing techniques to analysis that data.
- Technologies Used:- Hadoop, Hive, and Flume, Twitter Streaming API, Python.

Web Graph And Page Ranking Algorithm
Prof. K. Kumar | Feb'17 - May'17
- A Python implementation of PageRank algorithm. The implementation applies the PageRank algorithm to a provided graph to determine the steady probabilities with which a random walk through the graph will end up at each node. It does so using power iteration, an algorithm approximating steady state probabilities by iteratively improving them until convergence. This algorithm is guaranteed to converge to the correct steady state probabilities for ergodic Markov chains, which PageRank graphs are.

Developing Recommendation System Using Bayesian Network
Prof. Suhel Ahmad Khan | Aug'17 - Dec'17
- The project is based on building a model using the conditional probability of training data and then feeding that model into the bayesian network to answers question (queries). The whole implementation focuses on categorising the training data and queries by the users to provide best recommendations.
- Project was developed using python programming languages and it's libraries (Pandas, Scikit learn, Metaplotlib).

Cloud Based AI Chatbot
Prof. Nand Kumar | Aug'17 - Dec'17
- Developed a chatbot to provide the recommendations regarding restaurant, hotels, and places to visit according to the location of the user.
- Technologies Used:- IBM Watson Conversation API, IBM Cloud Data Services (Cloudant DB), Android SDK.

Java[Android], Python[Flask], JavaScript[React], C/C++, Go, Lua, Sql, Git, Gradle