NEVIL LADANI

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OBJECTIVE

Seeking full-time job in field of Computer Science to utilize my problem solving skills with deep ardor for Data Science.

EDUCATION

Masters of Science in Computer Science **GPA: 3.83/4**
The University of Texas at Dallas Aug '15

Bachelor of Technology in Information and Communication Technology **GPA: 6.63/10**
Dhirubhai Ambani Institute of Information and Communication Technology, India May '13

EXPERIENCE

Internship, Compumatrice (Team Size - 4) Aug '14 - Present
Designed and developing an Android app for health care services as a part of CareLink360 project. The application is used to track the location of patients using the BLE ibeacon and assign tasks to care provider based on the same.

Internship, Bonrix Software Systems (Team Size - 3) Jan '13 - May ' 13
Worked as part of a team to develop an Android Application for sending notifications using Google Cloud Messaging. Took responsibility of product design and feature development which improved its business value.

Summer Research Internship, DAIICT May '12 - Oct '12
Created and implemented an algorithm for Secure Multiparty Computation by linking the concepts of permutation and XOR gate, thereafter giving an improved version of an already existing protocol developed by Mizuki and Sone.

PERSONAL PROJECT

Modeling Trends of Social Media (Team Size - 2) May '14 - Jul '14
Developed a model using Machine Learning to predict the trend of discussions and topic attrition rate on twitter using tweet processing. Implemented clustering algorithm for mapping user network.

ACADEMIC PROJECTS

Cloud Computing (Team Size - 4) Sep '14 - Dec '14
- Developed semantically enhanced RRD tool. Integrated it with Ganglia. Setup a cloud environment with Virtual Machine, collected monitoring data using integrated ganglia and developed a replication recommender for a new VM.

Big Data Projects Sep '14 - Dec '14
- Implemented several map reduce design patterns to derive statistics from IMDB movie data using Hadoop framework.
- Implemented various Pig Latin and Hive queries to gain insightful analytics of IMDB movie database. Developed different User Defined Functions (UDF) in Pig to filter data based on various constraints.

Chess Simulation Jul '14
- Developed Chess game in Java using min-max algorithm. Improved the space complexity using alpha-beta pruning. Provided various strategy options using the concepts of Artificial Intelligence.

Machine Learning Projects (Team Size - 2) Jan '14 - Apr '14
- Movie Recommendation System: Implemented Collaborative Filtering Technique using Java and Netflix Prize data set for improved movie recommendation.
- Spam Filter: Developed a Java program using Naive Bayes Classification for filtering out spam email.

E-Commerce Web Service (Team Size - 3) Feb '14 - Mar ' 14
- Developed an E-Commerce web-service using SOAP. Used Java for service implementation. Client side was implemented using JSP and Servlets. Implemented Sharding, Caching, Encryption and Authentication.

COURSES

Big Data, Cloud Computing, Statistics for Data Science, Machine Learning, AI, Design and Analysis of Algorithms, UI Design.

ACHIEVEMENT

Selden Leavell Scholarship (UTDallas) Aug '14

SKILLS

Languages:	Java, Python, C, C#, Prolog, .NET, HTML 5, CSS, JavaScript, XML, SQL, R.
Tools and Technologies:	Pig, Hive, Cassandra, R, Linux, MySQL, Oracle, Photoshop, Flash, Maya