ROHIT DHOLAKIA

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EXPERIENCE

Software Developer   MoveInSync pvt ltd,   June,'11-Present
                                  Hyderabad,AP

Analyze traffic data for various cities in India to predict transit times between any two points in real-time.I am also working on test automation and testing the security of the web application.

Project Associate   Search And Information Extraction Lab(SIEL) July,'10-May,'11
                                 IIIT,Hyderabad

Led a Nokia-funded project,titled "Text Input Methods for Indian Languages on MeeGo platform", from start to finish. Apart from leading the project, I also worked on language-independent CRF models for resource-constrained mobile enviroments. The models that were deployed were trained on large amount of Indian language data but the model sizes were kept to a minimum by tweaking the feature set.Even keeping sizes to a minimum, achieved accuracies of more than 85% . Also implemented an optimized spell-corrector for all the major Indian languages.

As part of a consortium project where the aim is to make a cross-lingual search Engine for 6 major Indian languages, I worked on generating language-independent transliteration models for Indian languages.

EDUCATION

SASTRA University(Deemed),
Bachelor of Technology, Computer Science And Engineering, May 2010
G.P.A. 8.0/10.0

Vignan Junior College,
Intermediate,Andhra Intermediate Board(IPE), May 2006
Percentage:96.4/100

Deepti Convent School,
International Council of Secondary Education(ICSE), March 2004,
Percentage:92.2/100

PROJECTS

Recommendation and Sentiment Analysis with Twitter :
Using a twitter corpus to experiment with various sentiment analysis models. I am also using the corpus and a who-follows- whom graph to analyze various friend-recommendation algorithms. The corpus has 400 million tweets which can then be used to analyze patterns among users,topics and hashtags

Collaborative filtering in Recommender Systems:
As part of final-year research project,implemented user-based and item-based collaborative filtering algorithms on the MovieLens 100K dataset.I also implemented Global Effects on the dataset and found a marked improvement in accuracy.

SKILLS

Programming Languages: C , Java and Python
Databases:MySQL and PostgreSQL
Toolkits/IDEs :Eclipse,CRF++,Nutch,Mallet,IPython and Selenium

COURSES

Operating Systems, Design And Analysis of Algorithms,Data Warehousing and Data Mining.