Rohit Dholakia

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EDUCATION

Masters in Science, Computer Science
Simon Fraser University,Burnaby
Specialization : Natural Language Processing
Advisor : Dr. Anoop Sarkar

Bachelor of Technology, Computer Science
SASTRA University,Thanjavur, May 2010
CGPA : 7.98/10

Intermediate, Maths/Physics/Chemistry
Vignan Junior College, May 2006
Percentage : 96.4/100

Matriculation, ICSE
Deepti Convent School, Kundariguda,Jeypore March 2004
Percentage: 92.4/100

Programming Languages

Python, C , Java

EXPERIENCE

Software Developer   August 2011-June 2012
MoveInSync Technology Pvt Ltd, Hyderabad

- Automated complete test cycle end-to-end using Selenium 2 and JUnit.Also automated nightly builds
- Wrote an application from scratch to simulate heavy loads on the system . The product was an Android application that recorded KMs and followed routes generated using a travelling salesman problem, used in employee pick-up drop cabs for large companies.

    Application helped catch loopholes that only come up during problems of scale.

Project Associate   July 2010 - May 2011
Language Technology and Research Centre (LTRC) , International Institute of Information Technology(IIIT),Hyderabad

- Worked under the supervision of Professor Vasudeva Varma on several projects. 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 environments. 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. Despite the tweaked feature set, all models achieved accuracies of more than 85%. Also implemented an optimized spell-corrector for Indian languages.