UTKARSH JADHAV

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Available for full-time position starting January 2017

EDUCATION

Northeastern University, Boston, MA   September 2014 - December 2016
Master of Science in Computer Science
Related Courses : Programming Design Paradigm, Database Management Systems, Algorithms, Computer Systems,
Data Mining Techniques, Information Retrieval, Parallel Data Processing in MapReduce
Activities : Teaching Assistant for course Object-Oriented Design (Spring 2015),
Volunteer for PanIIT 2016 Leadership Conference

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India   June 2008 – June 2012
Bachelor of Engineering in Computer Science and Engineering
Related Courses : Data Structures, Design and Analysis of Algorithms, Software Engineering
Activities : Founding member of Aurangabad Linux Users' Group (ALUG)

PROFESSIONAL EXPERIENCE

eResearchTechnology (ERT), Boston, MA   February 2016 - July 2016
Product Software Engineer Co-op
Technology : Java8, Python, JavaFX/Swing, XML, Robot, PowerShell, Jenkins
- Designed and implemented components of clinical trial study software using JavaFX/Swing, XML
- Developed RPC/Automation API bridging Java project with Robot framework using Python2.7, Java8

edX, Cambridge, MA   May - August 2015
Summer Engineering Intern
Technology : Python, Django, Jenkins
- Designed and implemented call logs profiling library for debugging issues in Production. Link - goo.gl/alRaCO
- Diagnosed and fixed edX-platform bugs improving response time on production working with Platform team

Indian Institute of Technology Bombay (IITB), Mumbai, India   March - August 2014
Software Developer
Technology : Python, Django
- Contributed to open source project – Blended MOOC through open-edX, part of iitbombayx.in
- Implemented Direct Staff Grading feature for essay-like Open Response Assessment (ORA) questions

Lakshya Infosys, Aurangabad, India   July 2012 – June 2013
Software Developer
Technology : ASP.NET, C#, MySQL
- Implemented database modules for inventory ERP software development projects using ASP.NET, C#

ETH Research Lab, Pune, India   January – May 2010
Software Development Intern
- Designed MySQL database of Q&A for secondary school subjects, enhanced web portal using Joomla CMS

TECHNICAL SKILLS

Programming Languages	: Python, Java, JavaScript, C, Bash Shell, Scheme (Racket), C++
Data Science Tools	: SciPy Ecosystem, WEKA, MapReduce(Hadoop)
Database Platforms	: SQL : MySQL, PostgreSQL, NoSQL : MongoDB
Web Technologies	: Django, RESTful Web Services, MEAN (NodeJS, AngularJS), Bootstrap, HTML5, CSS
Others	: Git, XML/XPath, Lucene, Jenkins, JSON, Sublime, LaTeX
Operating Systems	: Linux : Ubuntu, Fedora, Others : Windows7/10, OS X

ACADEMIC PROJECTS

Information Retrieval System Back End (Search Engine) (Python, Beautiful Soup) Link - goo.gl/dqyEYd
Implemented web-crawler and indexed CACM corpus ($\approx$180,000 web documents) enhancing speed of retrieval
Developed search engine using PageRank and BM25 algorithms, evaluated the performance

Classification of Income from Census Data using Multiple Classifiers (Java) Link - goo.gl/Syvnse
Designed a classification model using Ensemble Learning method for US Census Data ($\approx$ 50,000 records)
Achieved accuracy of 86% in predicting if earning of a person is more than $50,000 per year

Movie Reviews - On-line Social Network, and Search Portal (MEAN) Link - goo.gl/Uz5E7m
Designed and developed a responsive web application using MongoDB, AngularJS, NodeJS, TMDb API
Implemented authentication and session management using PassportJS

Knowledge Intensive Database System for Health-care Scenario [Research] (PL/SQL, Oracle Data Miner)
Simulated Object Orient Decide Act (OODA) on MIMIC II dataset working with Oracle Corporation
Implemented Support Vector Machine (SVM) using Oracle Data Miner