

HIMANSHU PARASHAR

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OBJECTIVE

Seeking Full time opportunities in the field of Computer Science or IT utilizing analytical and technical skills preferably in object-oriented development, Machine learning, Big Data, Data science, Cloud, QA, application or web development.

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, Texas

(Expected: Aug 2017)

Master of Science in Computer Science, **3.502/4 GPA**

KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY, Bhubaneswar, Odisha, India

(May 2012)

Bachelor of Technology in Electrical Engineering, **8.34/10 GPA**

RELEVANT COURSES

Implementation of advance data structures and algorithm

Database Design

Software Defined Network

R for Data Science

Statistical Methods for Data Science

Machine Learning

Big Data Management and Analytics

TECHNICAL SKILLS

Design & Development, Incremental methods, Testing & Debugging, Cloud computing, Distributed & Parallel computing, DevOps

Languages & Technologies: - JAVA, C, C++, C#, Python, VB.NET, PHP, JavaScript, Scala, Spark, Pig Latin, Hadoop, XML, JSON, CSS, HTML, jQuery, SPARQL, REST, R, Apache, GIT, SVN, SourceSafe, Juniper, TCP/IP, Curl, http

Operating & Database Systems: - Windows, Linux, SQL server, Oracle, MySQL, MongoDB, AWS

Development Environments: - Vagrant Scotch box, Eclipse, Microsoft Visual Studio, PhpStorm, Unity, Flask-RESTful

PROFESSIONAL EXPERIENCE

Programmer Intern

Information Processing Corporation, Dallas, TX

Sep 2016 – Dec 2016

- Language and Technologies:-** .NET, Visual Basic, Microsoft SQL Server, Telerik
- Roles and Responsibilities:-** Programming & Web Development, Application Development

Software Developer Intern

Utility Connect, The Colony, TX

Jun 2016 – Aug 2016

- Full stack development with uWSGI, nginx and Flask microframework for Python based web application.
- Language and Technologies:-** Vagrant, Python, CSS, PHP, HTML, MySQL and REST
- Roles and Responsibilities:-** Database schema design & development, Data migration, UI Design, Software Development

System Engineer

Tata Consultancy Services (TCS), Gurgaon, India

Sep 2012 – July 2015

- Project/Domain:-** Financial services– IT services and solutions for various kind of payments in banking system.
- Language and Technologies:-** Java, XML, Oracle SQL, Spring Batch Framework, TortoiseSVN and internal TCS tools.
- Roles and Responsibilities during the tenure:-** Testing/QA, Service Integration, Interface Development, Database Management, Debugging, Client Requirement Analysis and Technical training to new associates.
- Developed and supported an enterprise wide large scale payment product for Axis Bank, India.
- Performed Testing on Waterfall model and Agile model, functional and nonfunctional testing, web-service testing with SoapUI, considerable experience of the testing stages in SDLC like Unit Testing, Integration Testing, Regression Testing, Environment testing and Test Cases Preparation. Worked on Defect tracking tools like Bugzilla, Jira etc.

ACADEMIC PROJECTS & TRAININGS (Repository - <https://github.com/himanshu2752>)

Big Data (Academic Projects)

Jan 2017 – Present

- Projects on Hadoop/Map Reduce, PIG Latin, Scala, Spark for Data processing, predictive analysis and recommender system

R for Data Science (Academic Projects)

Jan 2017 – Present

- Projects using R and R studio for data analysis and statistical computing.

Machine Learning (Academic Project)

Sep 2016 – Dec 2016

- Designed a recommender system on Bosch production line data (taken from active competition on kaggle) by coding a classifier algorithm on Python to learn data and output future predictions.

Data Structures and Algorithm Analysis with Java (Academic Projects)

Aug 2015 – Apr 2016

- Completed projects involving Generics, Lists, Strings, Trees, Hashing, Sorting, Queues, Heaps, Graphs and their implementation on very large inputs (>1million). Implemented and Optimized running times for algorithms on very large data sets.
- Completed long projects on multi-dimensional search, Arithmetic of very big integers by creating own data structures models.
- Completed operating system projects involving multi-threading using server-client model, semaphores and sockets

TCS ILP (Initial Learning Program) Training

Sep 2012 – Dec 2012

- Completed initial training on .NET framework/MySQL 4.1. Worked extensively on web development, Microsoft Visual and MVC.

ACTIVITIES & VOLUNTEERISM

Computer Science Student worker

University of Texas at Dallas

Feb 2017 – Present

- Working under Director of Graduate Studies in the computer science department.

NGO/ Non Profit Society Volunteer

Society for Advance Study in Rehabilitation

Feb 2012 – Dec 2014

- Was actively involved in activities of therapeutic nature to help supported children with mental Retardation and Cerebral palsy