ABHISHEK PRAKASH KHARCHE

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CAREER OBJECTIVE

Actively seeking a **Full-time** position from Jan'14 that will utilize my skills and offer me an opportunity to advance my knowledge by learning modern technologies.

EDUCATIONAL QUALIFICATION

Masters of Science in Computer Science   **Aug 2012 – Present**
University of Delaware, Newark, DE.

Overall GPA	:	**3.72/4.0**
Courses	:	Analysis of Algorithms, Database Design, Artificial Intelligence, Information Retrieval, Software Testing, Maintenance and Design, Text Analysis, Computer Networks.

Bachelor of Engineering in Computer Engineering   **Aug 2008 – May 2012**
University of Mumbai, Mumbai, India.

Overall GPA	:	**3.5/4.0**

Linkedin Link	: www.linkedin.com/in/abhishekpkharche/
GitHub Link	: https://github.com/abhishek-kharche
Website	: http://udel.edu/~abhik/

TECHNICAL PROFICIENCY

Operating Systems	: Unix/Linux, DOS, Windows All Versions, Solaris
Programming Languages	: Java, Perl, C++, C, Lisp, Shell, SQL, PL-SQL
Databases and Web	: ORACLE, Sybase, MS SQL, MY SQL, HTML
Other Technologies learning	: JavaScripts, PHP, jQuery, AJAX, JSON, Emb-Perl, CSS

Oracle 9i SQL/PL-SQL Certification (OCA) – 95%   **Sep 2011**

WORK EXPERIENCE

Internship: _BlackRock Inc._   **June 2013 – Present**

- *Position*   **:** Database Administrator Intern
- *Technologies*   **: Perl**, **Aladdin** Systems, SAP **Sybase** ASE, **SQL**, **Shell** Scripting, **Unix**/Linux
- *Responsibility*   **:** To provide daily database administration tasks such as database set up, **code release**, **monitor the health** of database/replication servers and assist developers by participating in **DBA** related projects. I acquired profound knowledge **in Java, Perl, SQL, Sybase** database and developed in-house scripts for the **real-time** page to assist database administration. I was one of the active members to do the **query optimization** and solve **performance issues** cohesively with the team members on a global network.

Graduate IT Assistant   **April 2013 – May 2013**
University of Delaware, Newark, DE.

Two months of **Troubleshooting** experience in College of Health and Science department. The work included basic troubleshooting duties in PC/MAC issues with high responsibility over the phone or in person. Deploy new computers from unboxing to end-user utilizing customized build process and research solutions to a wide variety of user issues. Assisting other IT support members in their user issues and projects.

PROJECTS ACCOMPLISHED

Android Programming *(Android & Perl)*   **Spring 2013**
University of Delaware, Newark.   *Team Strength: Individual*

An ongoing project based on Android programming under the supervision of Prof. Stephan Bohacek. The objective of project was to determine user's physical location based of accelerometer and Longitude/Latitude values. Finally trace an itinerary for user's day activity.

Information Retrieval - *Session Track*   **Spring 2013**
University of Delaware, Newark.   *Team Strength: 2 members*

This project was completed in Spring '13 for **IR** course with a team strength of 2 people. Project aim was to compare the retrieval runs of Session track in **TREC-8** systems with the runs submitted by participants in past years. Detailed information could be found at trec.nist.gov.

Reverse Engineering *(Java)*   **Spring 2013**
University of Delaware, Newark.   *Team Strength: Individual*

This was the individual project to reverse engineer an open source software (JavaPEG). The objective of a project was to obtain **UML** and other design diagrams from source code to assist developers. An extension was provided to the existing software for better GUI using **Java Swings** and **awt** packages.

Character Writing Robot   **Fall 2011 – Spring 2012**
Mumbai University, Mumbai.   *Team Strength: 4 members*

A final year project based on 'Robotics' which allows the robot to write characters on page by holding a pen using 'Rack and Pinion' arrangement. The project was sponsored by and completed in collaboration with **Indian Institute of Technology (IIT) – Bombay** in ERTS lab.
- Used C++ programming and Assembly language.
- Constructed a mechanism of the Robot.

Book My Ticket (not hosted)   **Fall 2010**
Mumbai University, Mumbai.   *Team Strength: 3 members*

A project to design & build a website for travel agency. Customers can register themselves on a website, select several packages for tours & book them. Provision was made to modify the selection at checkout, password recovery was implemented.
- Front end was programmed in HTML, JSP, AJAX and JavaScripts.
- MS access was used in the backend to construct the Database.

EXTRA CURRICULAR ACTIVITIES

- **Workshop conducted** : **Database design workshop**   **Oct 2011**
  Organized & conducted a **two day database design workshop.** Basic concepts of databases, E-R diagrams, **Normalization** (1NF, 2NF, 3NF, BCNF), **SQL queries** & their execution pattern, **Joins & Sub-queries** were demonstrated using animations. SQLs were practically executed.

- **Seminars delivered** : **XML Retrieval**   **Fall 2013**
  (IR course presentation, Topics - methods of XML Retrieval and evaluation)
  : **Common Object Request Broker Architecture (CORBA)**   **Apr 2010**
  (Topics - frameworks, distributed systems, middleware technologies)

- Won 1st prize in Reverse Rapid Programming & 2nd prize in Debugging competition at Inter-collegiate level in 2011.
- Conducted '**Photomania**' event - A competition for editing photos in advanced image processing tools at Inter-collegiate level in 2011.
- Successfully prepared the level-3 Robot of Line-Follower in IEEE-VIT in 2010.
- Attended Cloud Computing (by Microsoft) and Future of Microprocessors (by Intel) seminars in IEEE-TSEC.