

Ashneel Sharma

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| <ul style="list-style-type: none">• New Jersey Institute of Technology, Newark, NJ
M.S. Computer Science• Lingaya's University, Faridabad, Haryana, India
B.Tech. Computer Science | <p>Expected: December 2015
GPA: 3.68</p> <p>July 2009- July 2013
GPA: 8.84(on 10)</p> |
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SKILLS

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| <ul style="list-style-type: none">• C/C++/Java/JavaScript/Python• Database: SQL, Oracle, Postgres• Operating System: Windows, Mac OS | <ul style="list-style-type: none">• Microsoft Office, Photoshop, MATLAB, Visio, MySQL, Eclipse, Anaconda• System Programming: Linux• Web Designing: HTML/CSS |
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WORK EXPERIENCES

- **Research Assistant – Data Science** *Audible (May 2015 – Present)*
 - Developed model, analyzing Social Media presence of Audible and its Book collection. Partnering with team members to understand about modeling and simulation.
 - Working with Audible Data Engineer team on developing the infrastructure required for migrating models from development to production environment under Amazon system.
 - Platform used- Python, Oracle SQL Developer, Amazon tools for software engineering, Tableau, Clarabridge.
- **Database Administrator** *NJIT Architecture Library, NJIT (2015 – Present)*
 - Designed the database using SQL for collections in Library.
- **Deep CS tutor** *NJIT, Newark, NJ (2015 – Present)*
 - Tutoring Data Structure Algorithm and Data Base Design System to undergraduate and graduate students.
- **Setup Configuration Specialist** *Aon Hewitt, Noida, India (Nov 2013 – June 2014)*
 - Analyzed, configured and tested Aon Hewitt's proprietary Total Benefit Administration (TBA) System based on analysis documents of client requirements. Tested the code and debugged issues/defects prior to the code being moved to production using Software Development Life Cycle.
- **Software Developer (Intern)** *National Informatics Centre, Delhi, India (July 2012 – Jan 2013)*
 - Developed the website of Admin Module for Smart Card Based Public Distribution System using JAVA Enterprise Edition and Wicket Framework.
 - Created the Web Portal of Oil Manufacturing Companies, a Research project by Department of Food and Public Distribution. Developed the Login page using JavaScript and Postgres Database and later deployed it on the Server.
 - Platform used – Apache Wicket, PostgreSQL9.0, Hibernate3, Apache Tomcat v6.0, J Boss Server
- **Student Intern** *Steria, Noida, India (July 2011)*
 - Worked on Shared Business Services, a joint venture between the Department of Health and Steria, on National Health Services. Attended a Bulk Job Request and perform various operations for the Users.
 - Technologies Used: Oracle 11i, Oracle R12, Data Loader

PROJECTS

- **Security Ontology Learning and Browsing**
 - Research Assistant to Professor James Geller. Working on the development of projects [SOX](#) and [SLOB](#), Security Ontology Learning and Browsing using RESTFUL Web Services, J2EE, Ontology, XSLT and Security Web Concept.
- **Trends (Python)**
 - A proof of concept to know what's trending in the social media cloud by developing a web crawler using Beautiful Soup. Also Working with Twitter and Facebook API
- **Time Complexity and Correctness Analysis of Various Sorting Algorithms using JAVA.**
- **Developed a "Carpool" Mobile Android Application using JAVA.**
- **Developed XML Editor Application using Java and JDOM.**
- **Data Management System (prototype) – Newark IT company (2014)**
 - Developed the frontend using Java, JSP and designed the database using MySQL, later connecting both.
- **Inventory Management System – Watch Corner and Sushil Stone Crusher, Delhi, India (2013)**
 - Designed the UI using Java AWT and Swings, and used Oracle for the database.

CERTIFICATION

- C Language Certification (2011)
- Certified Core JAVA developer (2012)
- Certification from I Unlock Joy Microsoft for publishing Windows app on Windows Market Place.(2012)

KEY COURSES

Machine Learning, Advance Data Management System Design, Operating System Design, Computer Programing Languages, Data Management System Design, Java Programing, DataStructures and Algorithms, Internet and Higher Layer Protocols, Data Mining.

TRAVEL AWARDS

- CRA-W Grad Cohort Workshop 2015, San Francisco, CA.
- Grace Hopper Conference 2015, Texas.

ACHIEVEMENT

- Chair of ACM-W chapter of NJIT,
- Founder of Women In Computing Club, NJIT.
- Technical Officer of DeepCS (Computer Science Club), NJIT.