SHRUTI MAHAJAN

1050 S. Stanley Pl., #P240,
Tempe, Arizona-85281
+1-(480)-577-4738
shruti.mahajan@asu.edu

Summary:
Graduate student in Computer Science with strong background in software development and backing of algorithm design and relevant technical experience, seeking opportunities to enhance skills and expertise in the field of web applications and databases.

Education:

Master of Science, Computer Science. **December 2017**
Arizona State University, Tempe, AZ. (GPA 3.56/4.00)
Bachelor of Technology, Computer Engineering. **July 2014**
S.V. National Institute of Technology, India (GPA 8.04/10.00)

Relevant Coursework:
Data Structures, Analysis of Algorithmic Design, Database Management System Implementations, Operating Systems, Principles of Programming Language, Software Design, Web Technologies, Mobile Computing, Data Visualization, Computer Networks.

Programming Language: C, C++, Java, Python.
Skills: PL/SQL, JavaScript, PHP, JQuery, HTML 5, CSS, Android, D3, XML.
Server Applications: Apache HTTP Server, Apache Tomcat, MAMP, Windows IIS.
Tools: Maven**,** GitHub, Android Studio, Photoshop, Dreamweaver.
Databases: MySQL 5.6, SQL, MonetDB, MongoDB, Neo4j.
Operating Systems: Windows, Linux, MacOS.

Relevant Experience:

Associate Applications Developer, Oracle India. **June 2014-March 2015**
Worked as a developer on an Oracle Project Portfolio Management application Enterprise Track.

- Responsible for enhancing existing feature in the product.
- Responsible for incorporating new features in the application.
- Integrated Atlassian products JIRA and Confluence into the application. These tools primarily aim at team management and collaboration.
- Integrated Oracle Crystal Ball (OCB), a business analytic tool into the application.

Intern- Larsen & Turbo- Knowledge City, India. **June 2012**

- Designed and implemented Web Help-Desk Portal for five principal units using ASP.Net.

Projects:

- Creation of a thesaurus web service using PHP, Javascript and MySql as the backend.
- Implementation of Apriori Algorithm (data mining algo.) on graph databases MonetDB and Neo4j.
- Compared and contrasted Row-based(Relational) and Column-based databases (MonetDB) and implemented Apriori Algorithm on the same.
- Social Media data-collection (with Twitter API & Facebook API) via NodeJs, storing data in MongoDB and visualizing data using D3, banana and Facetview.
- Implementation of Minibase Database System- Intensive implementation of relational database operations with optimization techniques.
- Development of a pair (Parent app and child app) parent-child monitoring Mobile Application in Android. The Parent app oversees and can completely control activities (e.g. call/text blocking) in the child app.