

# Ayesha Sabah Hasan

Los Angeles, California, 90007 • Phone: 630-995-1849 • E-Mail: [ayeshash@usc.edu](mailto:ayeshash@usc.edu)

## Education

### University of Southern California, Los Angeles, CA

Dec 2016

M.S, Computer Science

**CGPA:** 3.83/4.00

**Related Coursework:** Natural Language Processing, Information Retrieval and Web Search Engines, Content Detection and Analysis for Big Data, Artificial Intelligence, Web Technologies, Analysis and Design of Algorithms, Database Systems.

### PES Institute of Technology, Bangalore, India

May 2014

B.E, Information Science and Engineering

**CGPA:** 8.69/10.00

**Related Coursework:** Social Media Analysis, Data Mining and Data Warehousing

## Technical Skills

### Languages

Python, Java, C, CSS, JavaScript, Powershell, PHP, XML, SQL, Android

### Databases

Mongo DB, SQL Server, MySQL, PostgreSQL

### Platforms

Windows 7/8, Linux, Unix, OSX

### Tools

Teradata, AWS, Apache Nutch, Solr, Tika, D3, Banana, FacetView

## Internship Experience

### Ares Management LLP, Los Angeles

June 2016 – Present

#### IT Security Intern

- Working with the ELK (Elastic Search, Logstash, Kibana) stack to analyze log data obtained from Microsoft Business Intelligence tools.
- Developing Tableau dashboards for data integrated from Security Management Tools.
- Implementing using Powershell, Elastic Search, Logstash, Kibana, QRadar etc.

### Cisco Systems, Bangalore, India

Jan 2014 - Oct 2014

#### IT Intern

- Extended the working of DICOR -internal tool used to automate Informatica workflow checks - to accommodate new architecture standards.
- Developed the Performance Sync Up tool that was used to check the performance of queries in Teradata.
- Implemented using Java, Shell Scripting, MySQL, Dojo Toolkit and JavaScript.

### Get2Galaxy, Bangalore, India

Jun 2012 – Aug 2012

#### SDE Intern

- Get2Galaxy is a startup that created an online assessment engine to help companies ease their recruiting process.
- Developed components for the User Profile page using UX Design concepts.
- Implemented using HTML, CSS, LESS, JQuery and JavaScript.

## Course Projects

### Visual Search and Interaction with Weapon Dataset

- Crawled and indexed images of weapons and their metadata.
- Improved search results by implementing algorithms to detect exact and almost duplicate images and developed ranking algorithms for the indexed dataset.
- Created a dashboard to obtain statistics of the areas where weapons are sold and who they are sold by.
- **Technologies Used:** Apache Nutch, Solr, Tika, GeoParser, D3, Banana Dashboard, FacetView, CherryPy

### Cuisine Classification Based on Ingredients

- Crawled recipe webpages to extract recipes with their ingredients.
- Trained various multi classification models to see which model had the highest accuracy.
- **Technologies Used:** Beautiful Soup, NLTK, Scikit-learn, Pandas