ANKIT ARORA

Seeking senior level assignments in Software Testing / IT with a growth oriented organization

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SKILL SET

Testing Concepts	**Sanity**, **Smoke#**, **Mobile Apps Testing**
Bug Reporting Tools	**JIRA**
Build verification Tool	**Jenkins**
Packages	**MS-Office**
Operating Systems	**Windows** , **Unix**
Network Capture	**Charles Proxy**

WORK EXPERIENCE

Sr. QC Analyst   June 2018 - Present
TIMES INTERNET Ltd , Noida

- Working on various Mobile Apps as well as Desktop Apps.
- Successfull released Projects like GadgetsNow, ETimes for Web as well as MobileWeb
- Responsible for Writing Test cases using Zephyr, execute and Bug logging
- Performed End to End Testing for Shopping site including Order flow till order delivery

Software Engineer Trainee   Jan 2016 - Oct 2016
Infogain Pvt Ltd , Noida

- Attended Boot-Camp training on various technologies.
- Topics included : like DBMS, **SQL**, UNIX, XML, C#, ASP .NET, MVC, SQL Server, WCF, Java Script.

OPEN SOURCE PROJECTS

Exploratory Data Analysis   Jan 2017 - March 2017
Data Analysis, Coursera   [GitHub] [Blog]

- Worked on Gapminder data set for different countries.
- Used Python pandas, numpy, seaborn and mathplotlib libraries to analyze and visualize data.
- Managed variables provided in the Gapminder dataset.
- Plotted **scatterplot, Histogram and bar graph** for univariate analysis of variables of interest.
- Tried to predict the relation between variables of interest visually based on plotted graphs.

Correlation between Urban Rate, CO2Emission and Life Expectancy   April 2017 - July 2017
Machine Learning, Coursera   [GitHub] [Blog]

- Created different Regression Models : Linear, Multiple and Polynomial
- Polynomial Regression predicted the most accurate association between Life Expectancy and Income per person.
- Analyzed values of **p, r and r^2**
- Tested the regression model using Q-Q Graph, Residuals plot between variables of interest.

Dominant Color of an Image   Aug 2017 - Oct 2017
Image Processing, Coursera   [GitHub]

- Used **K Means Clustering** algorithm to find the most dominating color of an imgage.
- The k-means algorithm assigns each pixel in our image to the closest cluster
- Used **OpenCV** library for Image processing.
- Used matplotlib to display images and most dominant colors.

CERTIFICATES

Data Management and Visualization (Python)   Dec 2016 - Jan 2017
Data Analysis, Coursera   [Link]

- Cleared the course with 93.5%
- Learnt Exploratory Data Analysis using Python **pandas, numpy, seaborn and mathplotlib** libraries.
- Learnt to manage the variables of interest and visualize them.

Data Analysis Tools
Statistics, Coursera

Feb 2017 - April 2017

[Link]

- Cleared the course with 95%
- Testing the hypothesis using **ANOVA**, **Chi Square** Test of Independence and **Pearson Correlation**.
- Learnt about moderation and tested **moderation** in our variables of interest by adding a new variable.
- Checked for Moderation of Income Per Person between Urban Rate and Life Expectancy.

Regression Modeling in Practice
Analytics, Coursera

May 2017 - July 2017

[Link]

- Cleared the course with 98.8%
- Learnt about Regression Models : **Linear, Multiple, Polynomial and Logistic**.
- Used statsmodels.formula.api python library to run all models.
- Learnt about **confounding variables** and how to handle them.

Machine Learning for Data Analysis
Machine Learning, Coursera

Aug 2017 - Sept 2017

[Link]

- Cleared the course with 100%
- Used **sklearn** library to run Machine learning algorithms.
- Learnt **Decision Tree, Random Forest**, Lasso Regression and **K-Means Clustering** algorithms implementation.
- Learnt about **Bias Variance** trade-off and finding the best fit.
- Learnt about Validation and Cross-Validation approaches to test/test the model.

Education

May 2010	B.TECH, Electronics And Communication, **ACET, Punjab Technical University**, Amritsar	**74.5**%
Mar 2006	12th Board, CBSE Board, **D.A.V. Sr. Sec School,**, Amritsar	75%
Mar 2004	10th Board, CBSE Board, **Shri Ram Ashram Sr. Sec School**, Amritsar	85%

Awards and Achievements

Nov 2017	Completed Data Analysis and Interpretation Specialization of **Weslyan University** from Coursera.
Oct 2016	Won **Junior Engineer Award** at Infogain for overall performance.
April 2016	Achieved a rank **5th** in Infogain's Bootcamp Classroom Training
Jan 2012	Secured All India rank **28,300** in All India Engineering Entrance Exam (AIEEE)

Volunteer Work

Member, Institute Anti Ragging Committee
NAVYBLUE

2014 – 2015

- Appointed as a member of the Institute Anti Ragging Committee,responsible for welfare of the newly admitted freshmen.
- Worked with the office of the Dean of Student Affairs, to organize sessions on **easing the transition of freshmen**.

Tutor, English Proficiency Programme
Professor Bhaskar Das Gupta

2013 – 2014

- Worked as a **English tutor** in the pilot English Proficiency Programme to help **under-privileged students** obtain a functional knowlege of English.