

# Hitesh Santwani

<https://hiteshsantwani.github.io>  
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## SKILLS

### PROGRAMMING

Java and Spring MVC  
Python and iPython Notebook  
SQL and R

### DATA SCIENCE

Regression  
Classification  
Support Vector Machines  
Naive Bayes  
K-Nearest Neighbors  
Decision Trees  
Cluster Analyses  
Deep Learning

### SOFTWARE

Amazon Web Services  
Spark and Hadoop  
Git and Github

## EDUCATION

### BIG DATA SPECIALIZATION

UNIVERSITY OF CALIFORNIA SAN DIEGO  
Expected January 2019 | Online

### MS, DATA SCIENCE

UNIVERSITY AT BUFFALO  
August 2018 - present | Buffalo, NY  
Course Work Includes in depth Knowledge and skills in Data Engineering and exhaustive study of Machine Learning along with Essential EDA skills.

### B.E, INFORMATION TECHNOLOGY

UNIVERSITY OF MUMBAI  
June 2015 | Mumbai, India  
Graduated with First Class

## LINKS

Github:// [hiteshSantwani](#)  
LinkedIn:// [hiteshSantwani](#)  
Hackerrank:// [hiteshSantwani](#)

## EXPERIENCE

### ACCENTURE SOLUTIONS PVT. LTD | MUMBAI, INDIA

SOFTWARE ENGINEER (JUNE 2017 - JULY 2018)

ASSOCIATE SOFTWARE ENGINEER (OCTOBER 2015 TO MAY 2017)

- Application Developer for the client (A major North American Corporate & Investment Bank).
- Implemented Application modularization using spring boot for the migration of platform responsible for trading high volume of over the counter derivatives to hybrid cloud.
- Achieved reduction in technical debt and increased velocity of application development by 50%.
- Developed new features to chase the institutional clients for trade affirmation and Accomplished target of 1.3 times Order Fill Rate.
- Languages used: Java, java script, XQuery. Frameworks: Spring MVC, Hibernate.

## PROFESSIONAL CERTIFICATIONS

### AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE

May 2018 - May 2020 | Mumbai, India

### AWS CERTIFIED DEVELOPER ASSOCIATE

December 2017 - December 2019 | Mumbai, India

## RELEVANT PROJECTS

### BIG DATA - CAPSTONE PROJECT | UNIVERSITY OF CALIFORNIA SAN DIEGO

October 2018 - January 2019 | Online

- A big data ecosystem using tools and methods from the earlier courses in this specialization. Analyze a data set simulating big data generated from a large number of users who are playing an imaginary game "Catch the Pink Flamingo". Tools Used: Splunk, KNIME, Spark's MLlib, Gephi and Open Office, Jupyter notebook.

### PYTORCH SCHOLARSHIP CHALLENGE FROM FACEBOOK (FLOWER CLASSIFIER) | UDACITY

November 2018 - January 2019 | Online

- Deep learning model for predicting the species of the flower from the picture of the flower. Achieved 95% Accuracy ([Click Here for demo](#)). Skills: Deep Learning, Python, PyTorch.

### RUNNING A SUCCESSFUL COUNTRY RSC - 101 | MS, DATA SCIENCE

November 2018 - December 2018 | Buffalo, NY

- ([Click Here for demo](#)) Exploratory Data Analysis and Data cleansing on Two major data sets (Gapminder and world bank) to uncover the factors that contributed in development of the emerging economies in the last 40 years. Skills: Jupyter notebook, Plotly Dashboard, SQLite, Matplotlib, Ipython Widgets, Pandas.