

# Aditya Jain

<https://adityajn105.github.io>

adityajn105@gmail.com | +91 89891 73580 | adityajn105 (skype)

## SKILLS

### PROGRAMMING

Python / IPython Notebooks  
Java / Android Programming  
C / C++  
HTML / JavaScript / CSS  
Node.js / Express.js  
SQL / MongoDB

### DATA SCIENCE

Descriptive Statistics  
Inferential Statistics  
Statistical Modelling  
Regression (Linear / SGD)  
Classification Techniques  
Clustering Techniques  
Ensemble Techniques  
Natural Language Processing  
Neural Networks / Deep learning  
Convolutional Neural Networks  
Recurrent / LSTM Networks

### SOFTWARES AND TOOLS

Pandas / Numpy  
Matplotlib / Seaborn  
Scikit-Learn  
Tensorflow / Keras  
NLTK  
Tableau  
MS Excel  
Linux / Windows  
Git and GitHub  
Amazon Web Services

## EDUCATION

### B.E. ( Computer Engineering )

Maharashtra Institute of Technology, Pune  
Graduation : July, 2018 | Aggregate : **74.4%**

### H.S.C. (12<sup>th</sup>)

Central Board of Secondary Education  
Completion : May, 2013 | Aggregate : **89.2%**

## Experience

### Associate Data Science & Machine Learning | Cognizant

Sep 2018 - Current | Bengaluru, Karnataka, India

- Performed Data Analysis and Predictive modelling for identifying Aetna medicare contracts' members at risk.
- Identify members for reaching out to improve Aetna medicare contract Star Ratings.

### Intern | Heelium Sports Pvt. Ltd.

Dec 2016 - Dec 2017 | Pune, Maharashtra, India

- Worked as a **mean stack web developer** to assist in building company's website.
- Worked on various mean stack technologies like **node.js**, **mongodb**, **express.js** etc

### Intern | Aviate Software

Aug 2016 - Sept 2016 | Pune, Maharashtra, India

- Worked with **Retrofit** for android to create a http client and to consume REST api.

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## Achievements

### 1st Runner Up - Smart India Hackathon ( 2017 )

- We had developed an android app to perform authentication of a student appearing for a exam using **biometric from Aadhaar Database**.
- The app also uses an **API on remote server** that authenticates details of candidate which we had developed using PHP.

### Finalist - Infosys Techzooka (2016)

- Presented Infosys hackathon project in final round of Infosys Techzooka-2016.
- We had developed an **android app** to show details of nearby grocery stores and offers based on **user location**, we have used **firebase** as a database.

## PROJECTS

### Slack ChatBot - ( 2018 )

- I have developed a chatbot to tell meaning of any word, using Amazon LEX, Amazon Lambda and Oxford Dictionary API.
- **Amazon Lex** is used to build chatbot interface, **Amazon Lambda** is used for serverless computing and to interact with **Oxford API**. Later I have integrated chatbot with **slack communication channel**.

### Host Based Intrusion Detection System ( 2018 )

- We had developed a HIDS as a **B.E. Project** which is used to prevent the host system from being compromised by intruders.
- Project relies heavily on the use of **security concepts**, **machine learning** and **operating system concepts**.

### Aadhaar Authentication System ( 2018-Present )

- Worked on proposal to implement **Smart India Hackathon** project to build an **aadhaar authentication system** to be used in exam centers.

## Thesis

### Convolutional Neural Network for Autonomous Robot Navigation( 2018 )

- I have presented my junior year seminar report on Convolutional Neural network which can be used for robot navigation. I have firstly discussed various other models eg SVM, which are promising and later discussed about ConvNets and how **ConvNet prove to be best solution** for autonomous navigation problem. ConvNets excels at **image classification problem** and thus it excels in object identification.

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## Personal Details

**Name :** Aditya Jain

**Date of Birth :** 10/05/1996

**Languages :** English, Hindi

## LINKS

Github:// **adityajn105**

Linkedin:// **adityajn105**

Twitter:// **@adityajn105**

Kaggle:// **adityajn105**