

## Address

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## Web & Git

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## Programming

Java  
R  
Python  
JavaScript  
C++  
SQL

## OS Preference

GNU/Linux ★★★★★  
MacOS ★★★★★  
Windows ★★★★★

## Personal Skills



## Languages

English  
Hindi  
Punjabi

# Harman Bhutani

## Software Engineer

## Objective

To work in a firm with professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a Data Scientist to grow while fulfilling organizational goals.

## Education

2017	<b>Bachelor's Degree in Computer Science and Engineering</b> Guru Nanak Dev Engineering College, Ludhiana.	77.11
2013	<b>Higher Secondary Education</b> M.D.A.V Sr. Sec. Public School (CBSE)	85
2011	<b>Matriculation</b> M.D.A.V Sr. Sec. Public School (CBSE)	9.4

## Work Experience

07/17 - Present	<b>Associate Software Engineer</b> Developing Neural model using open source libraries such as TensorFlow, sklearn etc. and Accenture's AI Platform and visualisation using R and Tableau for 1M+ customers using Spark to scrape, clean and analyse large data. Worked as a developer for Architecture Integration ePlatform and my work is to design and implement system that expose RESTful APIs using scripting languages, Microservices with API management tool called APIgee.	Accenture
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## Internships and Training

06/16 - 12/16	<b>Machine Learning &amp; Neural Network</b> Design and development of various algorithms of Machine Learning using various techniques such as Linear, Logistic Regression, K-nearest neighbour, reinforcement learning etc. Also worked on Microsoft HDI insight and IBM Watson	GNDEC Data Science
06/16 - 01/17	<b>Google Facilitator</b> Selected as Google Facilitator from my college. Taught Students about Android and Artificial Intelligence under the program Google CS with Android Newspaper Image link	Google, India
02/17 - 04/17	<b>Data Analytics Intern</b> Worked on Customer Sentimental Analysis to predict customer behaviour and items he/she will likely to be interested to buy from their site and developed a customised notification system for customer accordingly	FundoToys, India
11/15 - 04/16	<b>Android Intern</b> Design, developed and successfully launched the official android app for Ludhiana based delivery startup www.HumHai.in.	Hum Hai, Ludhiana

## Platforms

Apigee  
Microservices  
Tensorflow  
PyTorch  
Splunk  
Presto  
Android  
iOS  
Jenkins  
Tableau  
Polybase  
Grafana  
Google Cloud

## Positions of Responsibility

Computer Society of India  
Google Developer Group  
Google Cloud  
Facebook for Developers  
Google Student Club  
Linux User Group  
NSS  
Women Techmakers

## Extra Curricular Heights

1st Prize in Debate Competition @Digital India  
2nd Prize in Digital India Innovation

## Hobbies

Internet Activist  
Solving Puzzles  
Playing Chess  
Reading Novels  
Listening music  
Watching Movies

- 08/15 - 1/16 **Android Trainee** [Ansh Infotech , Ludhiana](#)  
Joined Ansh Infotech as trainee for Android app development and learnt skills for app development and worked on many live projects during this duration provided by them
- 05/15 - 08/15 **Big Data analytics using Hadoop** [N.I.E.L.E.T, Mohali](#)  
Completed my 6 weeks industrial training in Big Data analytics using Hadoop where I worked on Map-Reduce algorithm and worked on various platforms such as Pig , Hive , HBase , Jaql etc.
- 02/15 - 05/15 **Trainee** [Great Developers , TCC](#)  
Explored and developed apps on various platforms such as ionic framework , Xamarin etc.
- 08/14 - 12/14 **Java Trainee** [3cm Infotech , Ludhiana](#)  
Three months training in Core Java .
- 04/14 - 06/14 **Trainee** [GNDEC,Ludhiana](#)  
Six weeks training in SQL Database .

## Seminars

- Java Trainer** [Gulzar group of Institutions,Khanna](#)  
Delivered 6 weeks Industrial Training to second year Computer Science students at Gulzar group of Institutions from May,17 to July,17
- Data Science** [DAV,Jalandhar](#)  
Attended I.T. day at DAV,Jalandhar and gave a seminar on rise and need of data scientist in this digital era addressing around 100 students.
- Google Adwords** [Chitkara University , Rajpura](#)  
Delievered a lecture on Google adwords and its fundamentals at Chitkara University under the joint program run by Google Student Club GNDEC and Chitkara University.

## Certifications

- Splunk Certified User** [Splunk](#)  
*Learnt about the basics of logs analytics and Splunk queries*  
*View Certificate*
- R Programming** [Udacity](#)  
*Learnt about the basics of R Programming Language and its various functions*
- Google Adwords** [Google](#)  
*Advertise locally and attract customers with the products that they search for*
- Machine Learning** [Coursera](#)  
*Machine learning where I worked on pattern recognition and neural networks*
- Android App Development Nanodegree** [Udacity](#)  
*Building an android application qualifying all the parameters specified by them*
- Big Data & Analytics** [Amazon Web Services](#)  
*Learnt basics about using amazon services for Data analytics.*

## Achievements

### ACE Award Winner - 2018

[Accenture](#)

*This is one of the highest award in Accenture. Awarded for great performance in the field of innovation and development of in-house application for better delivery of services for the Client.*

### APEX Award Winner - 2018

[Accenture](#)

*Awarded for showing excellent efforts in delivering and making project go live on time.*

### CII Hackathon Winner- 2017

[Bill and Melinda Gates Foundation](#)

*I won the CII Hackathon 2017 at Pragati Maidan , New Delhi and awarded first prize by Head of Bill and Melinda Gates Foundation where I developed an application on Breast Cancer Classifier .  
<https://github.com/HarmanBhutani/BreastCancerClassification>*

### Startup Weekend

[Startup India](#)

*Awarded prize by Mr.Rakesh Bharti Mittal(Airtel) for young entrepreneurship. I proposed an idea of application based on IoT and Data Science in Medical field*

### TiE Hackathon Winner 2017

[TiE,Chandigarh](#)

*Won Consolation prize in TiE Hackathon Competition , Chandigarh where I developed the Android Game for Blind People.  
<http://hackathon.tiechandigarh.org>*

### National Award for growing Startup

[TiE, Chandigarh](#)

*Won award at TiE National award Ceremony in Chandigarh for young growing startup. I developed an Android app and order management system for this startup  
Newspaper Image link*

## Projects

### AI Snake Game

[AI Learning](#)

*Developed Snake Game in order to check performance of various AI algorithms such as Hamilton, Greedy, DQN using average length and steps as metrics. <https://github.com/HarmanBhutani/snake-harman>*

### Emotion Recognition

[AI Learning](#)

*Developed Neural Network model prepossessed features using pandas and scikit learn. Mean Accuracy of 94 accuracy on test data . Model tuning using GridSearchCV <https://github.com/HarmanBhutani/EmotionRecognition>*

### AAP Election Punjab,2017

[Academic project](#)

*Developed a predictive model using unstructured data from 2.5M+ tweets and visualised successfully the regions in which there is a probability for AAP to win seats using ggplot and twitterR and Rmango*