

Address
1227, Cobden Road
Ottawa, Ontario
Canada
K2C2Z4

Contact No.
+91 814631 8078

Mail
byteharman0101@
gmail.com

Web & Git
linkedin/HarmanBhutani
harmanbhutani.github.io
GooglePlay/Harman
github/HarmanBhutani

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

- 2019-Present **Master of Electronic Business Technologies**
University of Ottawa, Ottawa.
- 2017 **Bachelor's Degree in Computer Science and Engineering** 77.11
Guru Nanak Dev Engineering College, Ludhiana(India).
- 2013 **Higher Secondary Education** 85
M.D.A.V Sr. Sec. Public School(India)

Work Experience

- 07/17 - 07 **Application Development Analyst** [Accenture](#)
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.

Internships and Training

- 06/16 - 12/16 **Machine Learning & Neural Network** [GNDEC Data Science](#)
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
- 06/16 - 01/17 **Google Facilitator** [Google, India](#)
Selected as Google Facilitator from my college. Taught Students about Android and Artificial Intelligence under the program Google CS with Android Newspaper Image link
- 02/17 - 04/17 **Data Analytics Intern** [FundoToys, India](#)
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
- 11/15 - 04/16 **Android Intern** [Hum Hai, Ludhiana](#)
Design, developed and successfully launched the official android app for Ludhiana based delivery startup www.HumHai.in.

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