# ABHAY PURI

Jalandhar, Punjab
(+91) 96468-95049
Abhaypuri98@gmail.com

[linkedin.com/in/abhaypuri98](linkedin.com/in/abhaypuri98)
[github.com/abhaypuri](github.com/abhaypuri)
[abhaypuri.me](abhaypuri.me)

## EDUCATION

**DAV Institute of Engineering and Technology, Jalandhar**   *May 2016 - Present*
Bachelor of Technology in Computer Science
(Current CGPA 8.69/10)

**MOOCs:**  Machine Learning by Stanford via Coursera, Applied ai Course, Introduction to Data Science in Python via Coursera.

## EXPERIENCE

**Google Developer Student Club**   January 2019-Present
*Campus Lead*

- Among the 185 Leads across the Globe.
- Initiated the setup of Google Classrooms in the Campus.
- Surveyed business organisations to find problem sets.
- Conducted various Competitive Programming, Cloud Study Jams.

**PyData Jalandhar**   November 2018- Present
*Organizer*

- Organized various tech-talks and meetups all over Punjab on behalf of PyData Jalandhar Community.
- Delivered technical talks on Data Science, Machine Learning, Deep Learning.

## ACADEMIC PROJECTS

**Object Recognition in Images-**   March 2019

- Performed classical ML techniques like K-NN, PCA, Softmax Regression, SVM and Deep Learning techniques like CNN, AutoEncoders.
- Deep learning technique specifically CNN gave the best result with 50% more accuracy than other methods.
- Further improved the model by adding more layers and tuning the hyperparameters.
- Drafting the paper to publish in the conference with improved results.

**Human Resources Analytics-**   September 2018

- Data has been very consciously preprocessed,cleaned and visualized. Each factor has been visualized to perceive its consequence on the employees behavior.
- At last, various machine learning classifying approaches have been applied to predict whether an employee will leave the company in future or not.
- Obtained a test-set F1 score of 0.98 on the provided data set with Ada-boost Classifier.

**Movie Recommendation System**   July 2018

- The project is easy to navigate app which would allow the user to search for movies and get recommendations.

- The aim of this project is to develop a system that can learn about its user and give them a set of movies that they will most likely enjoy.

## COURSEWORK

3D Graphics, Design and Analysis of Algorithms, Operating Systems, Compilers, Software Engineering, Discrete Mathematics, Relational Databases and Data Structures.

## TECHNICAL TALKS

- **PyData Jalandhar, 2019** Talk on Visualization and Data Exploration Using Matplotlib, Slides link
- **PyData Jalandhar, 2019** Talk on Introduction To Machine Learning, Slides link

## TECHNICAL SKILLS

| | |
|---|---|
| **Strong Areas** | Data Science, Machine Learning, Artificial Intelligence. |
| **Languages** | Python, C, C++, HTML, CSS |
| **Libraries** | Numpy, Pandas, Scipy, Matplotlib, TensorFlow, Keras, PyTorch |
| **Others** | Git/GitHub, MySql, Latex. |

## ACADEMIC HONORS AND AWARDS

- **PyTorch Nanodegree Scholarship,2018** Received PyTorch Nanodegree Scholarship from Facebook, 2018
- **CBSE Scholarship** : Awarded for coming under top 2 percentile among more than 10 lakh students in 12th Board exam.
- Secured **10th University Position** in 4th Semestrer.
- Core member of College **Placement Cell** and successfully conducted campus placements of two batches.
- QuadCopter Workshop by **IIT Delhi - Winner**
- Participated in **North India Cyber Security Hackathon.**
- Organized **CodeBuild.IO** 2019 - The National level Hackathon held at DAVIET.
- Participated in **Hackathon Organized by IIT Roorkee.**