

ARPIT GOGIA

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Gurgaon, HR, India

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EXPERIENCE

Software Development Engineer

Ixigo.com

iOS Engineer

June 2018 - Present

Gurgaon, India

Research Intern

Precog Research Lab, IIIT-D

Data Science for Social Computing

December 2016 - May 2018

Delhi, India

Intern

C Simplify IT

Android Developer

June 2015 - July 2015

Gurgaon, India

PROJECTS

- Comparative Study of Image Regeneration Techniques**
Compared the performance of common regeneration algorithms like Principle Component Analysis, different types of auto-encoders, and generative adversarial networks.
- Audio Gender Recognition**
Recognising gender from audio clips including live recorded audio. Involved signal analysis using R and Python, along with a variety of neural networks and ensemble learning
- Self Driving Car Agent**
Implemented a Self Driving Cab agent in Python using Q Learning. Achieved 97% Accuracy. Used the SciKit Learn, NumPy, SciPy Modules in Python.
- Image Recognition on the SVHN dataset**
Implemented a Deep Learning Convolutional Neural Network to predict numbers from the Street View House Numbers Data Set. Achieved 90% accuracy. Used various Python Modules like TensorFlow, NumPy, SciPy etc

PUBLICATIONS

- Gupta, S., Khattar, A., Gogia, A., Kumaraguru, P. and Chakraborty, T., Collective Classification of Spam Campaigners on Twitter: A Hierarchical Meta-Path Based Approach, WWW 2018**

OPEN SOURCE CONTRIBUTIONS

- WorldBrain**
Active contributor to WorldBrain since September 2016. Currently working to build a chrome extension that allows you to search through all of a user's visited webpages and bookmarks. Contributed as a mentor during **Google Summer of Code 2017** tasked with improving the performance of search.
- Italian Mars Society**
Building a communication protocol using Python for IoT devices.

DISTINCTIONS

- Technical Head**
Computer Society of India, Delhi Technological University
- Certified Project Reviewer and Mentor**
Udacity
- BITS, IEEE Troika 2017**
Rank 1
- FinTech Hackathon, IndiaHacks 2016**
Rank 15
- eCommerce Hackathon, IndiaHacks 2016**
Rank 19
- Google APAC 2017**
Rank 424

SKILLS

Swift Python C++ Linux
Android JavaScript Markdown
LaTeX Java

EDUCATION

B.Tech. Mathematics and Computing

Delhi Technological University

August 2014 - July 2018

Class XII

Delhi Public School, Vasant Kunj

2012 - 2014

COURSES

Discrete Mathematics Soft Computing
Algorithms Operating Systems
Scientific Computing Fuzzy Logic

OTHER COURSES

- Machine Learning Engineer Nanodegree**
Udacity
- Deep Learning**
Udacity
- Data Structures in Python**
University of Michigan on Coursera