Amit Chakraborty

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Academic Details

Year	Degree	Institute	Percentage/CGPA
2016 - Present	B.Tech in Computer Science and Engineering	Government College of Engineering and Ceramic Technology	8.25 till 4th Semester
2015	Class – XII (WBCHSE)	Mohiary Kundu Chowdhury Institution	81 %
2013	Class – X (WBBSE)	Mohiary Kundu Chowdhury Institution	84%

Objective

3rd year B.Tech Computer Science and Engineering student at Government College Of Engineering and Ceramic Technology with excellent academic record. I am interested in Computer vision and Machine learning Android app development.

Technical Skills

- Python for inferential Machine Learning(Scikit-Learn, Numpy, Pandas, Matplotlib)
- Python for Deep-learning(Keras, Tensorflow,Py-Torch)
- Java-Android Development(Knowledge of Retrofit and Recyclerview)
- Core Java
- C/C++
- Linux(Operating System)
- Git/Github
- SQLite

Internships

Research-Intern Jadavpur University   April'18-September'18
Developed a deep learning model using our own Dataset under Dr(Prof). Sarmistha Neogy to classify an individual's face by Siamese neural network using One shot Learning. In the process we are found out various optimization heuristics for very low epoch feature extraction, to truly achieve one shot learning. Paper due to be released in this November.

Academic Projects

Kolkata Tour guide app   April'18
As a part of an individual project, developed a native android app which provides all information about famous places in Kolkata and it will also provide details information about Hotels, cafes, shopping malls, the airport in Kolkata. The app is for school education purpose, the app is hosted in Github with the following.
Link: https://github.com/sysadminamit/KolkataTourGuide

News App   April'18

As a part of an individual project, developed a native android app which provides various news stories on various topics. It provides the latest information about sports, technology, environment, politics, education, culture, travels (As per The Guardian API service). The app is for school education purpose, the app is hosted in Github with the following link: https://github.com/sysadminamit/NewsAppStage2

WeCare App   May'18-June'18

As a part of a group project for Accenture Hackathon 2018, developed a native android app which provides a platform to keep all medical record in just one touch. In this project, our main motivation is to create an absolutely interconnected health system for all the parents.
Link: https://github.com/psychicfighters/Accenture_Hack

Trainings & Certifications

- Intel Machine Learning Workshop 2018 – Indian Statistical Institute Calcutta   July'18
- Android Basics by Google Nanodegree Program by Udacity   July'18-Nov'18
- Machine Learning by Andrew Ng at Coursera   Current

Achievements

- Selected in Google India Challenge Scholarship for Android Basics Nanodegree Program conducted by Google and Udacity.

Extra – Curricular Activities

- Member of Google Developer Group Kolkata   May'18-Present
- Sahajyer Haat Foundation ,Howrah Teaching the Children of nearby areas basic
  math and science.   March'13-Present