

Contact

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(LinkedIn)
bblogsbott.github.io/ (Portfolio)

Top Skills

Python
Machine Learning
Java

Languages

Malayalam (Limited Working)
English (Professional Working)
Tamil (Limited Working)

Certifications

Machine Learning A-Z™: Hands-On
Python & R In Data Science
Julia Scientific Programming
Deep Learning A-Z™: Hands-On
Artificial Neural Networks

Honors-Awards

Completed Google Summer of Code
2019
Bertelsmann Scholarship 2019

Publications

An architecture for student
classification based on behavioural
and academic perspectives
using deep learning in a Big Data
Environment

Analysis of Data Mining, Big Data
and Machine Learning Techniques to
Predict Academic Performance

Vishal R

Intern - Software Engineering at Freshworks
Chennai, Tamil Nadu, India

Summary

Interested in Machine Learning and likes to talk about it, work with it
and build on it.

Experience

Freshworks
Intern - Software Engineering
December 2019 - Present (5 months)
Chennai Area, India

Omdena
Machine Learning Engineer
August 2019 - October 2019 (3 months)

The challenge goal is to create a solution that quantifies the influence of
climate anomalies on forced displacement and/or violent conflict through
satellite imagery analysis. The challenge will involve the following tasks:

- Automate labeling of annotated satellite images of drought/flood conditions
(e.g. NDVI)
- Use annotated satellite images to build a model(s) to predict displacement/
conflict
- Use displacement/conflict to build a model(s) to predict climate/environmental
changes

The datasets

- Satellite imagery: Landsat (EarthExplorer) and MODIS satellite imagery
Vegetation indexes (e.g.NDVI), Livestock, Hydrology, Settlement/shelters,
Radar (e.g. detection of metal, trucks, tanks)
- UNHCR-NRC forced displacement data
- Conflict data: only violent conflict and fatalities
- FSNAU Early Warning-Early Action Dashboard

One of 35 collaborators and world-leading mentors to make a real-world impact.

OpenStreetMap Foundation

Student Developer through Google Summer of Code

May 2019 - August 2019 (4 months)

Developed AutoBound: <https://wiki.openstreetmap.org/wiki/JOSM/Plugins/AutoBound>

Core Solutions, Inc.

Machine Learning Intern

November 2018 - December 2018 (2 months)

Chennai, Tamil Nadu, India

Worked as a part of a team, building a prototype of a tool that could identify if a patient's condition was improving or not based on the doctor's notes on sessions with them.

Education

Shanmugha Arts, Science, Technology & Reserch Academy
(SASTRA), Thanjavur

Bachelor of Technology, Computer Science · (2016 - 2020)