

**THRIBHUVAN GUPTA S**

Course : **B.E., ECE, 2021**
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CGPA : 9.25



ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Nandi International PU College, Bellary	Department of Pre University Education, Karnataka	89 %	2017
CLASS X	Nandi High School	Karnataka Secondary Education Examination Board (KSEEB)	92.4 %	2015

Subjects / Electives	
Technical Proficiency	C++ Language, Python3, C Programming, OpenCV, Django, Tensorflow, AWS, Linux platform, Flutter, HTML + CSS, Dart, Java, Arduino, Raspberry Pi, Scripting Languages, Pandas, Deep Learning

SUMMER INTERNSHIP / WORK EXPERIENCE	
Webdevelopment Intern, WiseKreator ◦ Developed a backend Api using Django-Rest-Framework and PostgreSQL ◦ Deployed the entire backend using Amazon EC2 instance ◦ Setup a fully functional CI/CD pipeline for the EC2 instance and linked it with GitHub repo ◦ Implemented Githubflow model to maintain the repo ◦ Mentored and co-ordinated other fellow interns	May 2020 - Aug 2020
Research Intern, Centre of Robotics and Research ◦ Implemented computer vision algorithms in C++ using OpenCV ◦ Implemented mutli-threading for better usage of CPU power in Low Power boards like UDOO Quad, Raspberry Pi 3b ◦ Implemented data mining algorithms for bio-medical applications	Jan 2019 - Present

PROJECTS	
Library Management System - Java Built a command interface program to carry out library management operations. Built using MongoDB, Java	May 2020 - May 2020
DataMagic - Democratising Data Analytics for Small Businesses - Deep Learning Designed a simple and intuitive web platform for small businesses to upload monthly sales data onto and get predictions and visualisations for future sales. Built using Tensorflow with Keras, React	Mar 2020 - Mar 2020
ShowMeDaWae - A new routing map with road conditions - Deep Learning Trained model to detect road conditions through accelerometer sensor data from a user's phone. This is used to map future routes and classify them good/average/bad. Built using TensorFlow with Keras, Google Maps API, React-Native	Feb 2020 - Feb 2020
Vehicle Number Plate Recognition, identification and monitoring - Security and Surveillance Built a system to monitor vehicles using OpenALPR, OpenCV, Firebase, Android	Jan 2020 - Jan 2020
Electro Maps - Predicting electricity outage - Deep Learning Scrapped past planned electricity outage data from BESCOM and BBMP combined with weather and population data to train a model to predict future outage in a web portal. Built using TensorFlow with Keras, NodeJS	Dec 2019 - Feb 2020
Automatic Street light and Traffic Density Monitoring - Embedded C Built a model using 8051 Microcontroller and Embedded c to monitor vehicles on roads	Mar 2018 - Mar 2018
Bank Management System - Banking Built a command line interface program to carry out banking operations	Oct 2017 - Oct 2017

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Neural Networks and Deep Learning	Coursera	◦ Learnt the basic of neural networks
Intro to Machine Learning	Kaggle	◦ Learnt about basics in machine learning and Scikit Learn
Intermediate Machine Learning	Kaggle	◦ Learnt about various preprocessing techniques ◦ Learnt about decision trees, random forests and XGBoost

COMPETITIONS	
DevHack 2.0 36 hour hackathon held at IIT-Dharwad, Built a ML Powered Power Outage Prediction web app	Feb, 2020
OnLoad 2.0 36 hour hackathon held at VVCE, Mysore, Built ShowMeDaWae Web App	Feb, 2020

VOLUNTEER EXPERIENCE	
Art Club NMIT - Role: Events Orgniser Cause: Arts and Culture	Jan 2018 - Present

LANGUAGES KNOWN
