Avi Lad

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📇 Profile

Computer Enthusiast, Programmer, Developer, Problem Solver and Leader. Interested in Software Development, Machine Learning, Natural Language Processing and data analysis in finance and want to build my career in these fields. Currently pursuing Bachelor's degree in Computer Engineering at PDPU, Gujarat. Want to innovate and aid in the ever growing quest of building a smarter and advanced world. Looking forward to carve my way into the Industry and work with industry experts. Served as a tutor to peers for Programming.

💼 Experience

OpsHub, Inc.
Software Engineer Intern
Jan 2021 – present | Ahmedabad, India
- Responsible for solving bugs and develop features in java for Migration and Integration software of the company.

Encode – The Computer Science Club of PDPU
Vice President
Jul 2019 – Jul 2020
- Organizing workshops and Competitions.
- Teaching Students New Technologies and Programming
- Supervising a team of 25 tech-students.

ORSP, PDPU
Web Development Intern
Nov 2019 – Apr 2020
- Integrating Scopus and Web of Science Data into University Website using APIs.
- Designing and coding new pages for the Website.

ShopX
Android Developer
Aug 2018 – Dec 2018 | Ahmedabad, India
- Worked on the initial design and development of the Android app for the e-commerce StartUp

📑 Projects

Voice Based Smart Home
- Using Raspberry Pi and Relays integration at switch boards connecting using Home-Wifi and using mobile voice input to R-Pi to initiate ON/OFF of the particular appliance

Poem Generator using Stacked LSTM
- Used Stacked-LSTM Model to Train poems of prominent Medieval English Poets
- Generates Poem based on Seed Text relating to the poetic style of Medieval Poets
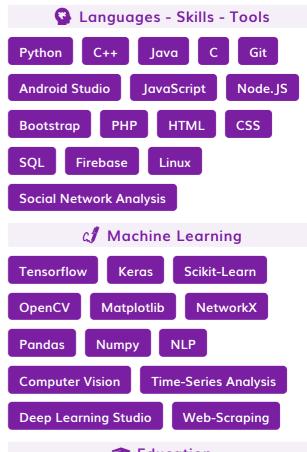
Music Streaming over Local Area Network
- Used Python Socket Library
- Stream music over a LAN without connecting to Internet
- It uses a Client-Server model to deliver music

Database Management System for Incubation centre
- Created Database Management system for Incubation center using SQL and OracleSQL

Banking System Using C++
- Created a C++ software for banking system for managing bank accounts.
- Added features such as credit/debit, profile section

🧠 Languages - Skills - Tools

Python C++ Java C Git
Android Studio JavaScript Node.JS
Bootstrap PHP HTML CSS
SQL Firebase Linux
Social Network Analysis

🖥 Machine Learning

Tensorflow Keras Scikit-Learn
OpenCV Matplotlib NetworkX
Pandas Numpy NLP
Computer Vision Time-Series Analysis
Deep Learning Studio Web-Scraping

🎓 Education

Pandit Deendayal Petroleum University
Bachelor of Technology(B.Tech.) in Computer Engineering
2017 – present | Gandhinagar, India
CGPA : 9.6/10

Vallabh Ashram [CBSE]
12th Grade [Physics, Chemistry, Maths, Computer Science, English]
2017 | Valsad, India
Percentage : 92.8%

📋 Courses - Certificates - Workshops

Machine Learning by Stanford University by Andrew Ng – Coursera (In Progress)

Natural Language Processing in TensorFlow - Coursera

Intro to TensorFlow for Deep Learning - Udacity

Android Basics - Udacity

Social Networks – NPTEL (IIT-Madras)(Gold Medal)

Programming, data structures and algorithms using Python – NPTEL (IIT-Madras)(Gold Medal)

SQL – Statement of Accomplishment by Stanford University

Alexa Workshop

Python Workshop

🤝 Volunteer Work

Umiya Social Trust
Intern
Valsad, India
- Teaching Rural Students Basics of Computer.
- Volunteering for Events Organized by the NGO.