

AMEYA LAAD

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in ameyalaad

ameyalaad

ameyalaad.github.io

Pune, India

EXPERIENCE

Software Engineer Intern

Microsoft

May 2020 – July 2020

Bangalore, IN

- Analyzed the business usage of the Microsoft Bookings platform to estimate the real usage of the product.
- Consolidated data of >2 million users per month used for improving user experience.
- Identified and added 4 missing datapoints across the website in ReactJS.
- Built 3 dashboards to track telemetry and API events in the Bookings platform.

Software Developer Intern

Indian Red Cross Society

April 2020 – May 2020

Mumbai, IN

- Developed the website for External Quality Assurance System, used by 166 blood banks across India.
- Used Google Sheets to store the data of over 70 input fields

Software Engineer Intern

MindNerves Technology

June 2019 – August 2019

Pune, IN

PROJECTS

Predicting COVID-19 in India using Machine Learning

BITS Pilani

April 2021

- Compiled, cleaned and visualized data from 4 sources, and 25 different features to create the dataset
- Tested over 5 machine (LR, ARIMA, HMM) and deep learning (LSTM, Seq2Seq) models against the second wave of the disease.
- Analyzed the impact of 10% reduction in mobility on the number of cases using Linear Regression.

Rasoe

PyTorch Global Summer Hackathon 2020 Runner Up August 2020

- Developed an Android application that can recognize over 300 varieties food, and give links to recipes using an API call.
- Fine-tuned a pre-trained model in PyTorch on the Food-101 dataset.
- Deployed the model on the Android framework using TorchScript.

TwoFace

2nd Runner ups in Microsoft code.fun.do++

November 2019

- Built an Ionic + Loopback application that uses face-verification as its login component.
- Integrated the Microsoft FaceAPI into the application to recognize, save, and verify faces.

EDUCATION

B.E.in Computer Science

BITS Pilani

2018 – 2022

Goa, IN

COURSEWORK

Artificial Intelligence, Machine Learning, Operating Systems, Data Structure and Algorithms, Object Oriented Programming, Database Management Systems

INVOLVEMENT

Instructor

Center for Technical Education

August 2019 – Present

- Taught basic Python to over 50 Biotech students as a CTE Instructor.
- Additionally covered numpy, pandas and matplotlib for data processing

Teaching Assistant

ACADEMIC UNDERGRADUATE STUDIES DIVISION

January 2021 – May 2021

- Assisted Prof. K. R. ANUPAMA in Labs of the course Microprocessors and Interfacing

CERTIFICATIONS

Deep Learning Specialization

deeplearning.ai on Coursera

TensorFlow In Practice

deeplearning.ai on Coursera

Intel IoT Edge AI Scholarship

Beginner track on Udacity