

Kush Trivedi

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EDUCATION

IIT, JODHPUR

B.TECH IN COMPUTER SCIENCE

Expected 2021 | Jodhpur, India

GREEN FIELD PUBLIC ACADEMY

HIGHER SECONDARY

May 2017 | Indore, India

Percentage: 86.2%

NDPS, INDORE

SECONDARY

Grad. May 2015 | Indore, India

Cum. GPA: 9.8

LINKS

Github:// [kushthedude](#)

LinkedIn:// [Kush Trivedi](#)

Spoj:// [darksaiyan_10](#)

COURSEWORK

UNDERGRADUATE

Object Oriented Analysis & Design

Data Structures & Algorithms

Database Systems*

Software Engineering

Data Communication

Computer Networks*

Operating Systems

Algorithm Design & Analysis

Compiler Design

*Ongoing Courses

SKILLS

PROGRAMMING

Over 5000 lines:

C/C++ • JavaScript • R • Python •

OpenCV

Over 1000 lines:

Swift • Sass • Solidity • Objective-C •

HandleBars

DEVOPS

Continuous Integration • Docker • Git CLI

• AWS • Kubernetes

AWARDS & ACHIEVEMENTS

• Winner of Fossasia CodeHeat-2019

• KVPY Scholar-2015 with AIR-487.

• Excelled JEE-Advanced with AIR - 3197.

• Qualified RMO-2017 and Participated in INMO 2017

EXTRACURRICULAR

• Legacy Club - Captain, 2019

• Core Member - Rotaract Padmini, Jodhpur, 2017-2019

EXPERIENCE & MENTORSHIP

CNCF | GSoC DEVELOPER

Jun 2019 – Sept 2019 | Global | CNCF

- Implementing Distributed load testing for envoy data planes & integrating it into service mesh bench-marking tool.
- Enable users to create and save performance test profiles, so that they may easily reference these test configurations and replay them over and over.
- Enable scheduled performance testing - the ability for users to schedule performance test jobs.

TENSORFLOW & FOSSASIA | GOOGLE CODE-IN MENTOR

Nov 2019 – Feb 2020 | Global

- Google Code-in is a contest to introduce pre-university students (ages 13-17) to open source software development. Since 2010, over 8100 students from 107 countries have completed work in the contest.

FOSSASIA | SOFTWARE DEVELOPMENT INTERN

Jun 2019 – Sept 2019 | Global | EventYay

- Increased Ticket Buyouts by around 35 % by implementing APAC Localised Payment Gateways Omise & PayTM.
- Implemented Order Waiting Time and Order Holding feature as done in various E-Commerce which improved the attendee checkout experience.

SLAUGHTER & FOX PRODUCT MANAGER AND DEVELOPER

June 2019 – Aug 2019 | Sourcak

- Managed and Initiated Sourcak, an upcoming service based E-Commerce Site in South Africa, Also finalised its vision and expanded its scope of expansion.
- Scraped the information from local SA traders and service providers website using BS4

PROJECTS

HAND GESTURE RECOGNITION IN EGO-CENTRIC VIDEOS

Feb 2020 – Present | Dr. Debarati Bhunia

- Creation of model to recognise Hand Gestures from Ego-Centric Videos
- Take struct2depth as a basis to initiate creation of DL Model

POVERTY PREDICTION USING DATA | CODEBASE

Feb 2019 – Jun 2019 | Dr. Sumit Kalra

- Created a CNN Model inspired from Stanford AI Laboratory to predict poverty using data from DHS Surveys and Night Time Satellite Images.
- Increased the accuracy of predecessor model by 16% and also introduced an extra CNN Layer based on G-Map API

WORD PREDICTOR | CODEBASE

Jan 2019 – Feb 2019 | Dr. Sumit Kalra

- Created a web-app using R and Shiny Dashboard to predict the next word using NLP algorithm.

SOCIAL NETWORK | CODEBASE

Feb 2019 – April 2019 | Self Project

- Created a Social-Networking Platform which has functionality of Timeline, Import/Export, Follow/Unfollow, Messaging, Delete Account and more.

OPEN SOURCE COMMUNITY

- Active contributor to various Open Source Organisations like **FOSSASIA, Mozilla Dev-Tools, Google/Blockly, ReadTheDocs, OpenRefine**.
- Maintainer of **Open Event Frontend**, **BadgeYay**, **Semantic-UI** and **Open Event Server**