

# 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

Database Systems

Software Engineering

Data Communication

Computer Networks

Operating Systems

Data Structures & Algorithms

Algorithm Design & Analysis

Compiler Design

## SKILLS

**PROGRAMMING**

Over 5000 lines:

C/C++ • JavaScript • Golang • R • Python

Over 1000 lines:

Swift • Sass • Solidity • Objective-C •

HandleBars

**DEVOPS**

Kubernetes • Service Meshes • CI/CD • Docker

• Git • AWS

## 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

## OPEN SOURCE

• Maintainer of **Layer5**, **Open Event Frontend**, **BadgeYay**, **Semantic-UI** and **Open Event Server**

• Active contributor to various Open Source Organisations like **FOSSASIA**, **Mozilla Dev-Tools**, **Google/Blockly**, **ReadTheDocs**, **OpenRefine**.

## EXTRACURRICULAR

• Legacy Club - Captain, 2019

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

## EXPERIENCE & MENTORSHIP

**CNCF | GSoC DEVELOPER**

Jun 2020 – Aug 2020 | 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.

**GOJEK | PRODUCT ENGINEERING INTERN**

May 2020 – July 2020 | Global | GoJek

- Created onboarding-service for smooth on-boarding of merchants on GoPay (a cashless payment platform for GO-JEK)
- Documented Go-Pay's APIs & created a stripe-like documentation platform.
- Worked in fast-paced environment, followed test-driven development & agile methodology,

**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.

**CV BUILDER | CODEBASE**

Jan 2019 | Dr. Sumit Kalra

- Developed an interactive CV Builder web app which creates a CV using 10 pre-designed templates.