Rohan Lekhwani

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EDUCATION

UMASS AMHERST
MS in Computer Science
Exp: May 2024 | Amherst, MA

IIIT PUNE
B.Tech. in Computer Science
June 2021 | Pune, India
CGPA: 9.33 / 10.0
Department Rank 1

COURSEWORK

COURSES
Machine Learning
Cloud Computing
Distributed Operating Systems

MOOCS
Aerial Robotics (UPenn)
Machine Learning (Stanford)
Conv. Networks (CS231n - Stanford)
Startup School (Y Combinator)

SKILLS

LANGUAGES
Python, Typescript, C/C++,
Ruby, Java

FRAMEWORKS
Terraform, Kubernetes, Django,
Ruby on Rails, Express, MongoDB

SOFTWARE
Google Cloud, Anaconda, MATLAB,
Android Studio, Git.

HONORS

Best Innovation Award in Computer
Science - ICICC, UILA 2020
Top 1% in Missing Hackathon
out of 2500 participants
All India Rank **27** and city rank **1**
in NEST - 1, 2017
Ranked in the **0.39%** out of **1.3 million**
candidates in JEE 2017

ACTIVITIES

Mentor, Google Summer of Code
Mentoring two projects at GSoC 2022

Head Codechef Chapter
Started InfInITy a competitive
programming contest, held annually with
12,000+ submissions

EXPERIENCE

GOJEK | Software Engineer
July 2021 - Aug 2022 | Bangalore, India
- Led Skynet, a project to transform the entire GCP infrastructure to code.
- Architected the internal DNS infra using Cloud DNS and DNS peering.
- Cerebro - IPAM tool designed to empower network automation.

GOOGLE SUMMER OF CODE | Rocket.Chat
May 2021 - Aug 2021 | GitHub
- Developed Poll Plus for Rocket.Chat which has been downloaded 800+ times across all servers. (Report | App)

ROCKET.CHAT | Open Source Contributor
Dec 2020 – Present | GitHub
- Maintain RC4Community - componentized platform for communities.
- Other projects: ContriBoard, RC4GitHub, Rocket.Chat (Contributions)

GOJEK | Product Engineering Intern
May 2020 – Nov 2020 | Bangalore, India
- Built an autocomplete feature now packaged within the internal CLI.
- Revamped PaaS app deployment portal used by a multitude of teams.
- Started ziggurat-web, the first open-sourced project of my team.

DRDO | Research Intern
Dec 2018 – Jan 2019 | New Delhi, India
- Modelled an e2e deep learning architecture to predict landslides with 94% accuracy between Rishikesh and Gangotri using 1 million geospatial samples.

C-DAC | Project Intern
Jul 2018 – Aug 2018 | Pune, India
- Engineered a MongoDB backed NodeJs application with feedback mechanism to translate website contents from English to regional languages and vice versa.

PROJECTS

Someity - Chrome based extension to make websites across the Internet more accessible without changing a single line of source code. (Webstore | GitHub). **Winner of Hack-cessible hackathon. Winner of Pitch Perfect.**

MemeBuddy - Typescript based app that can send memes fetched from Reddit within Rocket.Chat rooms and Rocket.Chat's LiveChat widget. (App | GitHub | Blog)

ALPR for Indian Vehicles - A framework trained on 2500+ images to extract text from license plates and automatically bypass CAPTCHA of an Indian vehicle database to get vehicle and owner information. (GitHub)

IIIT Pune App - Firebase backed Android App for the Institute that registered more than 100 downloads within a day of its release. More than 200, 5-star reviews on Play Store. Current rating - 5.0. (Google PlayStore)

PUBLICATIONS

[1] Fast voxel to coordinate hand pose estimation with 3D CNNs. Springer.

[2] Modeling and predicting the COVID-19 trajectory in India. IEEE Xplore.