

ROHAN RUSSEL NEDUNGADI

Computer Science Engineer

@ nrogun@gmail.com

🔗 <https://rohan9025.github.io>

🌐 <https://github.com/rohan9025>

EXPERIENCES

Summer Research Program (CyberVSR)

Rochester Institute of Technology

📅 Jun 2020 – Aug 2020 (2mo) 📍 NY, USA(Virtual)

- Worked under Prof Jay Yang of RIT to explore Bro/Zeek as an effective network analyser and IDS to use for machine learning based exploration and detection.
- Attended various seminars by experts from their fields at RIT, and different research/PhD students from all over the world.
- Offered INR 1.2 lakhs scholarship on selection to the program.
- <https://www.rit.edu/cybersecurity/cybervsr>

Summer Engineering Intern

Avenue E-commerce Ltd (R&D)

📅 May 2018 & Jul 2019 (3mo) 📍 Mumbai, India

- Wrote a white paper under Vikas Roy (Chief Front end Executive) on an exhaustive analysis of customer purchase patterns on an e-commerce platform.
- Also developed a segmentation algorithm which worked on the customer's past shopping experiences to categorise them.
- In the following year designed ML models implementing the ideas in the paper to evaluate customers. Achieved 98% accuracy based on the expected results that were formulated.

PROJECTS

Poke2 (May 2020)

- A full stack restful web-app based 1v1 game.(React+NodeJS, Heroku PaaS, gitlab CI/CD, Mongo Atlas).
- <https://poke2se.herokuapp.com>

Distributed Compute Fabric - Hackathon (Jan 2020)

- Using idle smartphone power for heavy computation tasks.
- Implemented efficient map and reduce algorithms along with RESTful apis to communicate between phones.

Rshell (November 2019)

- A unix based custom shell implemented in C (Rohan's Shell).
- It supports batch processing, forking, signal handlers, background processes and IO capabilities like piping and input/output re directions and all general unix commands.

ML Cart Conversion -Dell Hackathon (August 2019)

- Proposed a redesign of the Dell website with ML integrations, to offer a smoother experience which in turn would increase cart conversions rate.
- Did a small survey to compare, where 95% chose our redesign

CURRENT WORK

Image Search Engine (Sept 2020-)

- Exploring and working on computer vision algorithms and image classifiers.
- <https://github.com/rohan9025/Image-Search-Engine> (report)

ACHIEVEMENTS

- Won 3rd prize at the E-summit , Tech Startup Sprint Hackathon -INR 10,000/- (2020)
- Winner at Dell "Hack2Hire" offered summer internship at Dell EMC -INR 50,000/- (2019)
- Head of Logistics for our cultural fest AETHER- fundraised INR 1.5 Lakhs (2019)
- Recipient of Annual Merit Scholarship of INR 1 lakh from Mahindra University. (2018,2019)
- Nominated School Captain and was awarded Senior All Rounder in 10th grade (2015).

EDUCATION

Mahindra Ecole Centrale

B.Tech in Computer Science

📅 Aug2017 – Aug2021 📍 Hyderabad, India

CGPA : 9.28/10

Pace Junior Science College

HSC in Science (PCM)

📅 Jun2015 – May2017 📍 Mumbai, India

Percentage : 84%

St. Peter's Boy's Boarding School

School

📅 Jun2009 – May2015 📍 Panchgani, India

Percentage : 91.3%

SKILLS

Pytorch, Keras, Tensorflow, Numpy, Pandas, NLTK, Spacy, SciKit-Learn, ReactJs, NodeJs, Django, Flask, C

RELEVANT COURSES

Deep Learning, Natural Language Processing, Machine Learning, High Performance Computing, Distributed Computing, Data Structures & Algorithms, Software Engineering.

EXTERNAL COURSES

- Deep learning Specialisation (Deeplearning.ai)
- Tensorflow Developer Specialisation (Deeplearning.ai)

EXTRA CURRICULAR

- Part of the college football team, enjoy table tennis, love swimming.
- Member of the Dance club and Computer Science Club(Enigma)