Rahul Bishnoi

Personal Information

Date of Birth:	Oct 26th,1998
Phone:	+91 7032014109
email:	rahulbishnoi36@gmail.com
Github:	https://www.github.com/profile/nanspro

Work Experience and Open-Source Bounties

Oct-Dec 2018

Paraphrase Detection in twitter
Prof. Manish Shrivatsav

Paraphrase detection in twitter using popular distances like minkowski, euclidean, jaccard etc. We calculated the distances between sent2vec's and that score was used to classify them as similar or not. We also implemented LSTM networks to improve the accuracy and it worked pretty well.

Aug-Sept 2018

Grammar Error Detection and Spell Corrector
Prof. Manish Shrivatsav

Using ngrams and their probability distribution we predicted the correct spelling of a misspelled word. After that we trained our model for error classes in grammar and then we classified the errors in sentences into those classes. The accuracy of spell corrector was 73/100 and it was 2nd highest in batch.

Summer 2017

Summer Intern at VLEAD, *Virtual Labs*

The Project's aim was to design a user friendly dashboard for lab data services. We developed it as an SPA (Single Page Application) using plain JavaScript without any composite frameworks which allows manipulation of code to incorporate any features within the limit of the language and not just any framework

December 2018

Solevm-Enforcer
Leapdao

Project was based upon partial implementation of ethereum runtime in solidity. I enhanced the project by adding a stateHash function which was then used to compare states.

Oct-Nov 2018

Status.im
Status

I completed three bounties of status, an organisation which is working on Ethereum based messaging app, building the first mobile-native-client in the language Nim. I suggested moving from swig to nunjucks and then worked upon that. Also added better rendering format like graphs ,math, flow, sequence.

August 2018

Timenode-Core
Ethereum-Alarm-Clock

I worked upon improving the contract running the core functionality and making it consume less gas.

Courses

Natural Language Processing and Applications, Distributing Trust and blockchain, Artificial Intelligence, Operating System, Structured System Analysis and Design, Algorithms, Graphics Databasess Data Structures

Education

July 2013	Class 10th CGPA: 9.6/10
July 2015	Class 12th Percentage: 91/100
July 2016 - Present	B.Tech CSE at **International Institute of Information Technology**, Hyderabad

Technical Skills

Programming Skills:	Python, Vyper, Solidity, Django, Typescript, Flask, Scrapy, C/C++, OpenGL, Racket, MIPS
Databases:	mysql, BaseX, lucene, solr
Smart Contracts:	truffle, ganache, Vyper, EVM stack level,
Language Processing:	POS Tagging, Hidden Markov Model, Naive-Bayes
Familiar Tools:	Visual Studio, Git, Emacs, sublime, atom, libreoffice,

Personal Projects

Oct 2018
Auction on EVM
An auction contract written in Vyper.The contract executes an auction on EVM in which people register throug

Aug 2018
Extreme Tic-Tac-Toe
A tic-tac-toe bot using complex AI methods and algorithms such as alpha-beta pruning,
heuristics, ab minimax.

Nov 2017
Tunnel Rush game
A game consisting of infinite tunnel and you have to avoid obstacles and go forward.

Oct 2017
Linux Shell
An user interactive shell with some commands such as pwd,echo,ls, pinfo,cd
and also running of processes both foreground and background.

Jan 2017
Course-Review Portal
A course-review portal where student can rate courses and professors
We worked with a team of 3 people and build this app from scratch using Flask and vue-js.

Interests and Achievements

Technology, Open-Source, Blockchain
I got 1281 rank in JEE-Advanced amongst 1.8 million students. I was a member of organizing
team of TedX in Hyderabad. House skit Coordinator
I love contributing to blockchain and i am doing it daily as i believe in Ethereum and how
impactful this is going to be in future.
Open World games like Skyrim and GTA5.