

Uday Prasad Aitha

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EDUCATION

SAINT LOUIS UNIVERSITY

MS IN COMPUTER SCIENCE

RESEARCH ASSISTANT

MAY 2023 | MO, US

CUMM. GPA: 3.68 / 4.00

BENNETT UNIVERSITY

B.TECH IN COMPUTER SCIENCE

AUGUST 2016-20 | DELHI, INDIA

CUMM. GPA: 9.07 / 10.0

NARAYANA COLLEGE

MPC IN XII

May 2014-16 | Hyderabad, India

Percentage : 97.4 %

PORTFOLIO

Github: // udayprasad

LinkedIn: // uday-prasad

LeetCode: // UdayPrasad

InterviewBit: // Uday-prasad

SKILLS

Python • Java • SpringBoot • JavaScript •
NodeJS • ReactJS • MySQL • MongoDB
• Elasticsearch • Kibana • Grafana •
Machine Learning • Deep Learning •
Natural Language Processing • Flask •
Django • Git • AWS • Heroku • Jupyter
Notebook • Linux • macOS •

FAMILIAR

Big Data • Apache Spark • Hadoop •
Pig • Hive • Tableau • R •

EXTRA-CURRICULAR

Lead and won a couple of gold medals in volleyball(2017&2018).

Bagged a bronze in volleyball in intra-tournament(2019).

Won a gold each in Kabaddi and Kho-Kho (regional sports, 2019)

EXPERIENCE

HEWLETT PACKARD ENTERPRISE | SOFTWARE ENGINEER - I

Sep 2020 – Jan 2022 | Bangalore, IND

- Built micro-services, database schema and related web-pages to manage internal customers accounts to request assets from IT team.
- Reduced the raised ticket summary download time from 850ms to 325ms
- Spring Boot, ReactJS, MongoDB, Java, JavaScript

HEWLETT PACKARD ENTERPRISE | R&D INTERN

Jan 2020 – Aug 2020 | Bangalore, IND

- Built interactive dashboards for Digital Transformation Of Data Center where IT Admin and Owners can get insights on assets based on their role and filters.
- (MySQL, MongoDB) -> Elastic Search -> Kibana(Visualization)
- Data Analytics, Visualization, ElasticSearch, MySQL, MongoDB, Kibana

FROOGAL. AI | MACHINE LEARNING INTERN

May 2019 – July 2019 | Hyderabad, IND

- Developed and deployed projects on Machine learning named Auto reply of feed back using Sentimental Analysis(with 96 % accuracy) and then worked with Sales prediction based on some features related to environment.
- Machine Learning, LSTM, Python, Flask

ACHIEVEMENTS

2022	1 st /22	NLP From Scratch Competitions
2021	2 nd /25	HPE HCM Hackathon
2020	Semi-Finalist	TECHGIG Code Gladiators (By JIO)
2019	5 th /250	HCL AI Hackathon, (HCL, HackerEarth)
2018	Final 280/38000	ETCAMPUS STARS 2.0

RESEARCH AND PROJECTS

CELTIC MUTATION | COMPETITION WINNER | GitHub

Sep 2022 | Saint Louis University, US

Built BiLSTM Model with 98.15 % and a from scratch model with 87.55 %(which doesn't use any in-built machine learning libraries) to predict four different mutations in Irish Language. Used Hidden Markov Models and Smoothing for scratch.
Python, Machine Learning, Natural Language Processing, BiLSTM, HMM

DISCORD CLONE | TEAM LEAD | GitHub

Feb 2022 – Apr 2022 | Saint Louis University, US

Developed a Discord-clone chat app with features inviting a friend to chat, showing which users are online, creating chat rooms and display date separated messages.
NodeJS, ReactJS, Socket.io, JWT, SendGrid

INDOOR NAVIGATION SYSTEM | TEAM LEAD

Mar 2019 – Jul 2019 | Bennett University, IND

Worked under Dr Deepak Garg to develop a bot which can construct a 2D map and then guides user on the shortest path between the selected landmarks. This would be helpful in indoor places where GPS cannot be accurate.
Python, RaspberryPI, Arduino, Distance sensors