

Sahil Anand

ACM ICPC Asia–West Finalist | Competitive Programmer | B. Tech – Computer Science

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EXPERIENCE

Samsung Research Institute, Bangalore — Intern

MAY 2019 - JULY 2019

- Prediction of Quality of Experience using the data describing Quality of Service by utilising tree based machine learning techniques like random forest and boosted trees.
- Achieved an improvement of the target root mean square error from 0.34 to 0.24 using gradient boosted trees.

PROJECTS

Chatbot for eGovernance

Smart India Hackathon, Bhubaneswar

MARCH 2019

- Developed a rule based pattern matching AI chatbot for information retrieval and query regarding government sponsored loans and insurance schemes.
- Utilised web scraping techniques using frameworks like BeautifulSoup in Python for collection and extraction of data.

Face Recognition

JANUARY 2019

- One shot learning based neural network face recognition system that utilises Siamese Neural Network architecture.

Railway Complaint Classifier

Hackfest IIT(ISM), Dhanbad

MARCH 2018

- Developed model to classify railway complaints in different categories and zones using support vector machine.
- Extracted complaints from railway complaint portal using web scraping and twitter using tweepy module.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech in Computer Science – 2020

JULY 2016 - MAY 2020

CGPA – 8.09/10

SKILLS

- **Languages** : C++, Python
- **Development** : Web Development(Django), Android App Development

ACHIEVEMENTS

- **31st rank, ACM ICPC Asia-West Continent Final.**
- **NTSE Scholar**: Among the top 700 students receiving the National Talent Search Examination scholarship
- **24th** rank out of 320 teams in **ACM ICPC Asia Amritapuri Regionals 2019**
- 650th Place, Goldman Sachs Codesprint, out of 10k participants
- 864th Place, Facebook Hacker Cup Round 2
- 11th Place, Code Marathon 4.0 Div-2, Programming Contest of IIT(ISM)
- 9th Place, Googol, IIT(ISM)
- 2098th Place, Google Code Jam Round 2
- 162nd Place, Google Kickstart Round G
- 3rd Place, Code Marathon 5.0 Div-1, Programming Contest of IIT(ISM)

SPORT PROGRAMMING

- Solved 300 questions on spoj with world ranking 3372
- Solved a total of 1000+ problems on various programming platforms.
- **Codeforces** : Max rating 1885
- **Codechef** : Max rating 2091 (5 stars)
- **Hackerearth** : Max rating 1612 (Ranked in top 250)