YAGNIK BHARGAV

Final Year, Computer Science and Engineering, Symbiosis International University

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Education

B. Tech | Symbiosis Institute of Technology, India | Computer Science and Engineering
Courses studied were Data structures, Operating Systems, Design and analysis of Algorithms, Database Management, Software Engineering.

July 2017 – Present
CGPA: 8.57 (Till Sem 6)

Skills

Python | Java | C++ | C | JavaScript | HTML | CSS | SQL | Flask | Machine Learning

Deep Learning | TensorFlow | Natural Language Processing | Computer Vision

Experience

Symbiosis Centre for Applied Artificial Intelligence | Research Intern

January 2020 – Present

- Developed an end-to-end pipeline for Hate Speech Detection in Hindi-English Code-mixed language from Social Media text. The research paper is currently in submission process and published a dataset for the same.
- Designed a Dashboard for Govt. of Maharashtra forecasting the COVID cases, deaths, and various parameters by implementing advanced forecasting algorithms and could predict cases in India by an error of 0.02%.
- Participated in Tech Mahindra competition and wrote a White paper on "Ethics in AI".

Projects

🔗 **Wikibot:**
A chatbot to answer questions from any topic on Wikipedia.

🔗 **Andhadhun:**
Application to allow differently abled people to access and control the computer easily through gestures and voice commands.

🔗 **AI Chess:**
Chess game implemented using Min-max algorithm in Python.

🔗 **COVID Dashboard and Facemask Detection System:**
COVID dashboard for India, Gujarat state and show total cases, active cases, deaths, and visualization plots with predictions based on the current situation of cases. (Different from Govt. of Maharashtra project). The second sub project was Facemask detection system.

🔗 **Robinhood App:**
Android Application developed for collecting old clothes and supporting NGO's to distribute them to the old. Appreciated for this app by Giants Peoples Foundation, Gujarat.

Certifications

- AI and Machine Learning
- Deep Learning
- DeepLearning.ai Tensorflow Developer
- Architecting with Google Computer Engine

Achievements

- Awarded merit scholarship for 6th Semester for scoring highest in the department
- Purple Belt Wado-Kai-Karate and have won many medals at district and state level.
- Won and participated in many District level Football and Basketball championships.

Roles and Responsibilities

- Co-Head of Photography for College's Cultural Fest for 2018-19.
- Core member of Varsity Club (Social Care Club) for 2018-19.
- Elected as the Head of one of the House at School and Assistant sports-minister.