Yagnik Bhargav

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Career Objective: Hardworking professional focused on research in Artificial Intelligence and seeking for opportunities that hone my skills.

Education: April 2020

Bachelor's in Technology (B.Tech.), Computer Science and Engineering, CGPA: 8.57
Symbiosis Institute of Technology, Pune, India.

Internships: January 2020-Present

Research Intern, Symbiosis Centre for Applied Artificial Intelligence, Pune

- Currently working on Domain Adaptation in NLP.
- Developed an end-to-end pipeline for Hate Speech Detection in Hindi-English Code-mixed language from Social Media text, used Machine Learning for application in Material science.
- Designed a Dashboard for Govt. of Maharashtra which could forecast the COVID cases, deaths, and various important parameters by implementing advanced forecasting algorithms in Machine Learning and could predict number of COVID Cases in India with an error as less as 0.02%.
- Participated in Tech Mahindra competition and wrote a White paper on "Ethics in AI".

Projects:

AI Chess

- Used Min-Max algorithm along with backtracking to create a Bot that could play opposite to human and designed a standalone application with easy drag and drop and suggesting possible moves using Pygame and Python.

RobinHood

- Developed an Android Application with Realtime upload of data on Firebase for collection of old clothes which could be distributed to the poor using the same platform where NGO's could also register for the same.
- Appreciated and Recognized for this work by Giants People's Foundation, Gujarat.

WikiBot

- Engineered a very fast and easy approach for a chatbot that could answer questions on a specific topic from Wikipedia.

Andhadhun

- Programmed an accessibility tool for specially-abled using Google Text to speech (command to PC), Computer Vision (Control PC using hand).

Independent Coursework: AI and Machine Learning, Deep Learning, Deeplearning.AI Tensorflow Developer, Six Sigma Yellow Belt, Architecting with Google Compute Engine.

Peer-Reviewed Conference and Journal Papers:

- Meena Laad, Rahee Walambe, Ketan Kotecha, **Bhargav Yagnik**, Varad Nerlekar, Nishita Agarwal. Materials for Aerospace Applications: Machine Learning Methods for Titanium Alloys Classification. In the IAA/AAS Conference on Space Structures and Materials, proceedings published in AAS Advances in the Astronautical Sciences series by Univelt, Inc., San Diego, CA, USA.
- **Bhargav Yagnik**, Ananya Srivastava, Mohammed Hasan, Rahee Walambe, Ketan Kotecha. Role of AI in Detection of Hateful Speech for Hinglish Data on Social Media. At the International Conference on Advances and Applications of Artificial Intelligence and Machine Learning 2020, proceedings in Lecture Notes in Electrical Engineering, Springer.

Extra-Curricular Activities:

- Part of core team and even co-headed a team in the annual Technical and Cultural fests constituting more than 100 events and a total participation of more than 5000 participants from different cities. (2018, 2019)
- Won various prizes in Basketball, Football, Karate at district level. (2009-2015).

Volunteer Experience:

- Actively participated and volunteered in events organized by Social service Club – Varsity Care. (2019)

Honours and Awards:

- **Scholarship**: Academic Performance, Sem 6, Symbiosis Institute of Technology, India: July 2020.