Anjali Bhavan

http://alkalianjali.wordpress.com

Email : anjaliblogger@gmail.com
Mobile : +91-9654647823

Education

- **Delhi Technological University** — New Delhi, India
  Bachelor of Engineering in Mathematics and Computing — *Aug. 2016 – July. 2020*

Experience

- **Netaji Subhash Institute of Technology** — New Delhi, India
  Research intern under Dr. Swati Aggarwal, Department of Computer Engineering — *March 2018 - Present*
  - **Human Activity Recognition**: Worked on stacked generalization with feature selection for human activity recognition. Currently submitted to IEEE-SSCI conference.
  - **A review of ensemble methods**: Ensemble learning is one of the most exciting and promising avenues of machine learning. Currently working on a comprehensive literature review of ensemble learning research, the types of ensembles and their various applications in problems spanning several areas.
- **Digital Systems Architecture and Design Group** — New Delhi, India
  Machine Learning Research Head — *March 2018-present*
  - **Hardware implementation of deep learning-based speech recognition system**: Currently working with members of DSAD on creating language and acoustic models for speech recognition and their implementation on hardware. DSAD is a research group headed by Dr. Neeta Pandey, Professor, Department of Electronics and Communication at Delhi Technological University.
- **Coding Ninjas** — New Delhi, India
  Teaching Assistant — *June 2018-present*
  Assisted in Eminence, the online Machine Learning course offered by Coding Ninjas by solving queries and problems of students, and helped create quizzes, coursework, projects, assignments etc. for the course.
- **Indraprastha Institute of Information Technology** — New Delhi, India
  Research Intern — *July 2018-*
  Working on ensemble learning for speech emotion recognition under Dr. Rajiv Ratn Shah, Assistant Professor, Department of Computer Science.

Projects

- **Human Activity Recognition**: Created a stacked ensemble and used wrapper-based feature selection for the task of human activity recognition using accelerometer data. Submitted to IEEE-SSCI 2018.
- **Deep Learning for Speech Recognition**: Construction of language and acoustic models for receiving, embedding, analyzing and predicting speech and text.
- **Prediction of Post-Operative Health**: Trained a simple Decision Tree Classifier to predict post-operative health of patients.

Programming Skills

- **Languages**: C++, Python, Node.JS, JavaScript, LaTeX, C, CSS, PHP, HTML
- **Software, packages and libraries**: MATLAB, IBM-SPSS, Scikit-learn, Tensorflow