Pratham Agrawal

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SCHOOL

Vellore Institute of Technology (VIT), Vellore   **Expected Graduation: April 2024**
Bachelor of Technology in Computer Science and Engineering. CGPA 9.33

SKILLS

- Computer Languages – Python, Java, C/C++, HTML, CSS, R, NodeJS
- Framework & Databases – Flask, PyTorch, MySQL, Git, GitHub
- Languages – English, Hindi, French
- Soft Skills – Communication, Organizational Leadership, Analytical Thinking, Teamwork, Problem Solving

EXPERIENCE

Web Research Intern in AI Data Annotation Team   **February 2022 – Present**
Klatch Technologies
- Annotating the data available that is further used and processed for Machine Learning projects
- Collecting, categorization, labelling, transcribing and providing sentiment analysis for AI application datasets

Research   **February 2022 – Present**
India
- Researching on ECG classification to detect Heart anomalies using Machine Learning and Deep Learning.
- Developing an Intelligent system to upload 12 Lead ECGs as PNG and get the results through Machine Learning.

Chairperson– Institution of Engineering and Technology (IET-VIT)   **January 2021 – Present**
Vellore, Tamil Nadu, India
- Analysed and monitored the progress of both technical and management team members towards achieving outlined objectives.
- Responsible for organizing Technical events like Hackathons, Technical Conferences.
- Led a team of 100+ people which help them develop technical as well as other skills.

Human Resources Director– Little Love NGO   **May 2018 – Present**
Indore, India.
- Worked with 80+ people to provide education to underprivileged children, and animals basic amenities.
- Hosted events that generated awareness for plantation and veganism.
- Hosted Conference which yielded 25% profit.

PROJECTS

Olympics Dataset 2020 Tokyo Dataset–Olympics Dataset 2020 Tokyo Dataset | Kaggle   **April 2022**
- Contributed a dataset comprising 2.7 lakh rows information of about Athletes who participated in the Olympics
- Combined different datasets to make one Dataset consisting of 124 years of summer Olympics data

HbeatR – HbeatR | Github   **December 2021**
- Shows the possibility of a person having a Cardiac Disease in the near future using some parameters of basic health.
- Provides a classification of a person as Fit or Unfit on the basis of Heart Points (generated by Google Fit).

Admit - Admit | Github   **April 2021**
- Provides a probability if the person will get selected into a college based on some parameters such as CGPA, SAT Score, TOEFL Score and others.
- Uses Machine Learning to predict the values.

PUBLICATIONS

Artificial Intelligence at the Healthcare; The Past, present and the Future. 2020   **Nov 2020- Feb 2021**
  A literature survey of Artificial Intelligence usage in the past, present and near future, particularly in the medical sector.

Predicting Cardiovascular Ailments using Neural networks and IoT   **Dec 2021 - Present**
  Using Machine learning and Neural networks to predict the probability of Cardiovascular Ailments.
  Extracting Data from Google cloud to analyze data.