Rupesh Harode

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ABOUT ME

- **Languages**: Python, C++, Golang, C, SQL, HTML, Unix Scripting
- **Tools/Libraries**: Git, Django, Prometheus, Graphana, TensorFlow, Latex
- **Open-Source Contributions**: Sofa-Framework, Rspamd, Coala
- **MOOCs**: Algorithms, Machine Learning, Parallel Programming

EXPERIENCE

- **Greedy Game**   Bangalore
  SDE Intern   *July 2019 - Present*
    - **Prometheus**: Integrated Prometheus and Grafana to monitor data and manage alerts using Go-kit toolkit.

- **Google Summer of Code 2018**   Remote
  Student Developer at Sofa-Framework   *April 2018 - August 2018*
    - **VRPN Protocol**: Improved the communication plugin by adding VRPN and QSerial protocols into the communication plugin which earlier had only ZMQ and OSC protocols.
    - **Extended Plugins**: Extended Communication plugin to ensure transmission of all types of messages.

- **Naxap**   Remote
  Backend Developer Intern   *Sept 2017 - Oct 2017*
    - **Web-Crawler**: Implemented several crawlers for 15+ torrent websites for search engine.
    - **Cloudflare Challenges**: Extracted Data using XPath and CSS Selectors and integrated methods to bypass Cloudflare challenges.

- **GoFind.ai**   Remote
  Data Analyst Intern   *July 2017 - Sept 2017*
    - **Data Cleanup**: Cleaned and validated data which was used to train classifiers. The model used for classification was Inception-v3.

PROJECTS

- **Hackathon 3.0**   **Tech:** Python, Django, ChartJS, Ajax
  github/publicSanitation
    - **Web-Application**: Django based Web Application which shows most cleaned toilet nearby built as part of Hackathon, developed on top of GoogleMaps API.
    - **Review-System**: A real-time feedback system built using AJAX and Jquery integrated with BackEnd.

- **Multiplayer Quiz App**   **Tech:** Python, Django, Tastypie
  github/Multiplayer Quiz
    - **Web-Application**: Django based Web-application API which allows users to participate in a multiplayer quiz.
    - **API and Schema**: Developed API and schema to manage various functionality like registration, login, adding question, creating game and playing game with a leaderboard to view progress of all users.

- **Sentiment Analyzer**   **Tech:** Python, TensorFlow, NLTK, Numpy
  github/Sentiment-Analyzer
    - **Analyzer**: Examine the sentiment in terms of polarity (positive or negative) with an accuracy of 96.18%.
    - **Neural-Network Model**: MLP to implement NN model and NLTK is used to lemmatize .txt file.

- **Putext**   **Tech:** Django, Python, xHTML2PDF
  github/Putext
    - **Web-Application**: Simple text to PDF converter on Django framework using xhtml2pdf library utilizing the MVC architecture.

EDUCATION

- **Shri GS Institute of Technology and Science**   Indore, India
  Bachelor of Engineering in Electronics and Telecommunication   *Aug. 2015 – May. 2019*