Rupesh Harode

http://www.firedranzer.github.io

Email : rupeshharode@gmail.com

Mobile : +91-947-976-8157

EDUCATION

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

EXPERIENCE

- **Google Summer of Code 2018** — Indore, India
  Student Developer at Sofa-Framework: C++, Cmake, QtCreator, Git — *April 2018 - Present*
  - ○ **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.
  - ○ **Testing and Documentation**: Added tests and documentation for VRPN and QSerial protocols and enhancing the test coverage.

- **Naxap** — Remote
  Backend Developer Intern: Python, Scrapy, CSS, Xpath, PyCharm, Selenium — *Sept 2017 - Oct 2017*
  - ○ **Web-Crawler**: Implemented several crawlers for different 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: Python, MS-Excel — *July 2017 - Sept 2017*
  - ○ **Data Cleanup**: Cleaned and validated data which was used to train classifiers. The model used for classification was Inception-v3.

- **Club CodeFoster** — SGSITS
  Technical Lead — *July 2016 - Present*
  - ○ **Workshops**: Club organizes competitive contests and programming events regularly.

PROJECTS

- **Hackathon 3.0** — https://github.com/firedranzer/publicSanitation
  Tastypie(Django), Python, ChartJS, GoogleMaps API, Bootstrap — *Feb 2018*
  - ○ **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.
  - ○ **Dashboard**: A admin panel which displays usage statistics in the form of graph using ChartJS.

- **Sentiment Analyzer** — https://github.com/firedranzer/Sentiment-Analyzer
  Python, TensorFlow, NLTK, Numpy — *Oct 2017*
  - ○ **Analyzer**: Examine the sentiment in terms of polarity (positive or negative) with an accuracy of 96.18%.
  - ○ **Neural-Network Model**: Multilayer perceptron to implement neural network model and NLTK is used to lemmatize .txt file and create lexicon.

- **Zealer: MiniYouTube** — https://github.com/firedranzer/zealer-mini-youtube
  ReactJS, Javascript, Youtube API, HTML/CSS — *June 2017*
  - ○ **Web-Application**: Web Application made on ReactJS Framework using YouTubeAPI. Developed minimal JavaScript ES6 and JSX code supports realtime loading enhanced.

- **Putext** — https://github.com/firedranzer/Putext
  Django, Python, xHTML2PDF, HTML/CSS — *March 2017*
  - ○ **Web-Application**: Simple text to PDF converter on Django framework using xhtml2pdf library utilizing the MVC architecture.