# Shreyas Pimpalkar

**Email**: shreyas.pimpalkar1@gmail.com   **Programming Languages**: Python, JavaScript.
**Phone Number**: 716-275-3289   **GitHub**: www.github.com/shreyas10p
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## EDUCATION

**Masters in Data Science, University at Buffalo**      **GPA**: 3.58/4      **Jan 2020 - May 2021**
**Programming Coursework**: Data Query Models, Introduction to Machine Learning, Information Retrieval.
**Data Science Coursework:** Statistical Data Mining Ⅰ & Ⅱ, Programming Database, Introduction to Numerical Math.

**Bachelor of Electronics Engineering, University of Mumbai**      **GPA**: 7.17/10      **Aug 2012 - May 2016**
**Programming Coursework**: Structured Programming Approach, Object Oriented Programming Methodology.

## WORK EXPERIENCE

**Research Intern, Indian Institute of Technology Bombay (CSE Department)**      **Aug 2019 - Dec 2019**
- Developed a software to clean and format unstructured data obtained from scraping multiple websites.
- Stored the formatted data in NoSQL database.
- Established testing and development environment using Docker and bash scripts.
- Leveraged Knowledge in MongoDB, Python, Web Scraping, Django, Git and JavaScript, jQuery, Docker.

**Software Engineer, IRIS Business services Limited**      **Jul 2018 - Jul 2019**
CREDIXO(https://credixo.irisinfo.com): Generating automated financial reports.
- Developed secure RESTful services and integrated them in the web Application.
- Developed a software to generate automated financial reports asynchronously using celery task queues.
- Implemented Web token-based authentication for the APIs.
- Developed web scraper to collect data from various websites for analysis using python.
- Designed and developed web pages in Django using Django template language, HTML and JavaScript.
- Leveraged Knowledge in Python, Django, JavaScript, Git, Redis, Celery (Task Queues), MySQL, jQuery, AWS.

**Software Engineer, Hashbinary Services LLP (startup)**      **Jan 2017 - Apr 2018**
- Developed secure RESTful APIs for the various websites and integrated them in the client-side application.
- Worked with a senior developer on restructuring the existing server-side scripts.
- Leveraged Knowledge in Full Stack Web development, debugged using Chrome Developer tools, Git, NodeJS, MySQL, Google Firebase Database.

## SOFTWARE PROJECTS

**Tweet Search**: www.github.com/shreyas10p/project4
- Collected over 100k tweets from twitter apis and indexed them using Solr search platform.
- Stored tweets in MySQL database, performed sentiment analysis and calculated influence score for each tweet.
- Created webpage to perform search on indexed data and also visualize analysis on the data.
- Utilized: Docker, Python, Flask, Solr-8.2.0, RESTful APIs, JavaScript, Chart.js, HTML, jQuery.

**Load Balancer**: www.github.com/shreyas10p/loadbalancer
- Developed a load balancer in Django which performs health checks and host-based routing.
- Load balancer distributes traffic based on fixed weights assigned to the servers.
- Docker compose is used to create and run multiple Django application servers.
- Module Pytest is used to test load balancer functionality.
- Utilized: Docker, Python, Django , RESTful APIs, Pytest Framework.

**Movie analyzer**: www.github.com/shreyas10p/MovieAnalyser
- Developed an application which scraps data from IMDb website, stores it and performs analysis and visualization.
- Performed analysis and visualizations on the stored data using various statistical data mining techniques.
- Utilized: Python, SQLite, Web Scraping, Data Visualization, Statistical Data Mining, regression, classification.

**For Additional Projects**: www.shreyaspimpalkar.com#projects

## SKILLS

- **Software:** (*proficient*) Python, Django, SQL, Git.  (*familiar*) JavaScript, jQuery, Docker, Redis, MongoDB, AWS, HTML, R.