# OMKAR ARUN RAJGURU

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## OBJECTIVE

Seeking summer internship starting May 2022.

## EDUCATION

**Master of Science - Engineering Science (Data Science)**

University at Buffalo, The State University of New York                    Dec 2022(Anticipated)
Subjects: Statistical Learning and Data Mining, Data Modelling and Querying Language, Data Intensive Computing, Introduction to Machine Learning

**Bachelor of Engineering (B.E.) in Information Technology**                    May 2017

University of Mumbai, India                    CGPA: 7.28 / 10
Subjects: Business Intelligence, Data Structures and Algorithm Analysis, Operating Systems, DBMS, Network Systems

## WORK EXPERIENCE

**VFISLK Global Services Pvt Ltd: Associate Engineer - Software**                    Oct 2019 – May 2020
**Skillset: J2EE, JaxWS, MySQL, RESTful, Spring Framework, MyBatis, GitHub, Jenkins**
- Worked as an offshore developer for Voya Financial Inc. based in New York.
- Part of a team to develop two applications to expose RESTful web services in place of existing SOAP services and successfully migrate AXIS to JaxWS Services.
- Developed JUnit test functions to validate all the SQL queries and make the application robust.
- Proactively mentored trainee engineers and trained them in various technologies.

**SLK Software Services Pvt Ltd: Trainee Engineer - Software**                    Oct 2018 – Sep 2019
**Skillset: J2EE, MySQL, Eclipse, Spring Framework, MyBatis, ClearCase, VOLO**
- Completed IIHT-Technical Training and Accelerate Program - Certification for Communication Skills.
- Developed applications under the Retirement Services domain.
- Successfully remediated an application from existing JDBC configuration to Spring MyBatis configuration.
- Used ClearCase/VOLO tool to build and deploy the application and maintain the versioning.

**Globotechs Digital Media**: **PHP Backend Developer Intern**                    Jul 2017 – Sep 2017
**Skillset: PHP, MySQL, HTML, WAMP, CodeIgniter**
- Successfully designed a backend module for a fully functional matrimonial website from scratch.
- Involved in gathering requirements from the client and designing an interface to display content based on the type of the user using MySQL queries.
- Developed a content management system for administration purpose.

## SKILLS

**Programming Languages:** Python, Java, MySQL, R, HTML, CSS, Javascript; **Visualization Tools:** Tableau, Plotly

## PROJECTS

**Hate Speech Detection on Twitter (Skillset: R, R Studio, TF-IDF)**
- Part of a team to build a project under the course - Statistical Learning and Data Mining.
- Used various techniques including stemming, removing stop words and special characters from the corpus as a part of data preprocessing.
- Performed exploratory data analysis to understand distribution of tweets based on the content.
- Implemented TF-IDF for feature extraction and determined frequencies of weighted words.
- Developed a model using Naive Bayes Classifier and achieved an accuracy of 84%.

**Covid-19 Dashboard (Skillset: Python, Pandas, Jupyter Notebook, SQL, Streamlit, Plotly, SciKit)**
- Designed an ER Diagram and created a database from csv files to demonstrate normalization, created Pandas DataFrame using multiple SQLite queries.
- Developed a vaccination v/s mortality rate interactive dashboard using Jupyter Notebook, Streamlit, SciKit, Plotly.
- Demonstrated positive results using various plots based on the user data to encourage people to get vaccinated.

**Project Management - Android Application (m-Aarti)**
- Managed a team of 3 people in the development and publication of this application on Google Play Store.
- Involved in all phases starting from conceptualization, planning timelines, execution, documentation, designing logic for functionalities, maintaining versions using GitHub.

## COURSES COMPLETED

SQL for Data Analytics – Google Digital Garage, Tableau e-Learning, Football Analytics using Python