

ONKAR RANE

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<https://www.linkedin.com/in/onkarane/> | <https://github.com/onkarane> | [Tableau Public](#)

SUMMARY

Computer Information Systems graduate with sound knowledge of databases, software engineering practices, cloud service integration and deployment, APIs, statistics, and proven experience in requirement gathering. Seeking full-time employment opportunities starting **May 2021**.

EDUCATION

Colorado State University, Fort Collins, CO

Master of Computer Information Systems

May 2021

CGPA: 3.56 / 4

Courses: Business Intelligence, Data Mining & Analytics, Business Database Systems, SAP, Object Oriented Development, Agile Project Management, Web Development

University of Mumbai, Mumbai

Bachelor of Engineering in Information Technology

May 2018

CGPA: 7.1 / 10

Courses: Advanced Database Management Systems, Big Data Analytics

EXPERIENCE

Graduate Assistant - Colorado State University, Fort Collins, CO

Jan 2021 – Present

- Identify and document research requirements from the faculty members of College of Business every week by conducting virtual meetings.
- Compile comprehensive research report that aligns with the requirements.

Business Analyst Intern – FynTune Solution, Mumbai, India

Jan 2019 – June 2019

- Conducted interviews with key stakeholders to gather comprehensive information on user requirements and business processes.
- Leveraged available business intelligence data to formulate reports and optimize presentations.
- Assigned tasks to developers and QA associates while simultaneously updating JIRA Board.

TECHNICAL SKILLS

- **Programming Languages:** Python, C#, SQL, Java, R
- **Database:** MS SQL Server, PostgreSQL, MySQL, MongoDB
- **Web App. Framework:** Flask, ASP.NET
- **Visualization:** Tableau, Power BI, SAP Lumira
- **Tools & Cloud:** Visual Studio 2017/19, AWS - S3/EC2 /VPC, Trello, Jira, Apache Spark

PROJECTS

Soccer Analysis (<https://github.com/onkarane/soccer-analysis>)

Mar 2021 – Apr 2021

Software Stack: Python, Pandas, Selenium, Tableau, Crontab

- A python script that scrapes the premier league website using selenium, normalizes and stores the results and stats for past and current games played by Chelsea.
- The script is executed periodically using Crontab and the data is visualized using Tableau.

Customer Segmentation (<https://github.com/onkarane/customer-segmentation>)

Jan 2021 – Feb 2021

Software Stack: Python, Scikit-learn, Pandas, K-Means Clustering, Principal Component Analysis, Scaling

- Classified customers into three distinct clusters to be targeted for marketing based on five years of transaction and reward history.
- Used K-Means for clustering, Silhouette Score as metric and Principal Component Analysis (PCA) for dimensionality reduction.

Deep Learning ChatBot (<https://github.com/onkarane/chat-bot>)

Dec 2020 – Jan 2021

Software Stack: Python, TensorFlow 2, TFLearn, NLTK, jQuery, Flask, Heroku

- Developed and trained Deep Neural Network (DNN) model using TensorFlow and deployed it on Heroku cloud.
- The model uses flask web-framework and is integrated into <https://onkarane.com> as a chatbot using jQuery get requests to retrieve responses/predictions from model and display it according to user input.