

Rahul Tamhankar, CSM®

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EDUCATION

Masters of Science, Business Analytics and Information Systems <i>University of South Florida, FL</i>	Aug 2021-May 2023(Expected) 3.58/4
Course Work: Advanced Database Management, Data Mining, Analytical Methods for Business, Advanced System Design and Analysis, Distributed Information Systems, Data Science Programming, Data Visualization.	
Bachelors of Engineering in Electronics and Telecommunications Engineering (B.E. EXTC) <i>Mumbai University, Maharashtra, India</i>	Aug 2014-May 2018 8.21/10

SKILLS & CERTIFICATIONS

Programming & Databases:	Python (NumPy, Pandas, Matplotlib, Scikit-learn, Keras), R, C++, C#, SQL
Intelligence (BI) Tools:	Tableau, Power BI
Web-Development:	HTML, CSS, Java Script
Machine Learning:	Supervised & Unsupervised learning, NLP, Linear & Logistic Regression, ANOVA, Neural Network, KNN, Decision Tree, Random Forest, Statistical Hypothesis(A/B) Testing, SVM, Naïve Bayes, Predictive Analysis, Statistical Modeling
Misc. Tools:	AzureML, GIT, Excel(vlookup, write/edit VBA,pivot table), Powerpoint, Weka, Gliffy, Visio Installshield, Orca, JIRA, R Studio,Jupyter Notebook
Certifications:	Certified Scrum Master by Scrum Alliance, Google data analytics on Coursera

WORK EXPERIENCE

Systems Engineer Infosys Limited, Pune, India	Jan 2019-June 2020
<ul style="list-style-type: none">Implemented application packaging requests as a part of application engineering team to develop MSI packages using Install shield, Admin Studio, Beyond Compare and Orca with ~90% accuracy (9/10 applications per week).Designed EERD, Relational Schema and Database diagram for building database from scratch.Developed complex SQL queries to fetch data across multiple databases using complex joins, grouping and cursors.Implemented stored procedures, triggers, functions, indexed tables, views to improve the response time of execution by 15%.Engineered .NET MVC applications to implement client requirements in each JIRA cycle by developing APIs and jobs.Delivered more than 50 JIRA request of clients with pinpoint accuracy by developing and deploying applications in various testing environments like Test, Dev, Uat and Prod in agile SCRUM framework.Facilitated deployment calls with operations team (Accenture Ltd.) to deploy latest packages on production.Streamlined weekly calls with clients and senior technology architects to map requirements into technical documents.Accelerated the delivery time of monthly AGILE cycle by ~20% (5 days) by collaborating with cross functional team of more than 10 members across globe with effective communication.Mentored and groomed new team members with project fundamentals and assigned them user stories.	
Systems Engineer Trainee Infosys Limited, Pune, India	June 2018-Dec 2018
<ul style="list-style-type: none">Trained in Python, SQL, C#, Business Communication and ethics in Mysore, India as part of Infosys Training Program.Earned aggregate score of 80% with high performed tag. Created an e-market place using .NET framework.	

ACADEMIC PROJECTS

Advanced Database Management, USF,FL <i>Tools-MS SQL Server 2018</i>	Aug 2021-Dec 2021
<ul style="list-style-type: none">Created three relational databases named Hospital Administration, Dog Salon and Rent Management from scratch and inserted large data from flat files like MS-Excel. Authored complex SQL queries to demonstrate the use of joins, group by, order by, calculated column.Created and demonstrated indexing on views, temp tables, CTE and cursor, Performed PIVOT operations, created triggers, stored procedures and user defined functions.	
Football Analytics, USF,FL <i>Tools-Azure ML Studio, Excel</i>	Aug 2021-Dec 2021
<ul style="list-style-type: none">Created a predictive model to predict the transfer fees and weekly wages of players based on their skills and other attributes using multiclass decision forest, multiclass logistic regression and two class neural network.A dataset was pulled from the Kaggle repository with 10,000 rows and 90 columns. The overall and average accuracy of about 96% was achieved in predicting both transfer fees and weekly wages.	
Baseball match attendance prediction, USF,FL <i>Tools-Jupyter notebook 6.4.5</i>	Jan 2022-Feb 2021
<ul style="list-style-type: none">Built 3 different SVM models by changing the kernels and regularizing them to train the model and generated test accuracy of ~83%.Built 2 SGD models by changing the penalty and adding polynomial terms to gain test accuracy of ~82% and one Logistic Regression model to achieve a test accuracy of ~82%.	