

EDUCATION	<b>University of Illinois at Chicago, Chicago, IL</b> <i>Master of Science in Management Information Systems and Business Analytics, GPA 3.93/4.0 expected May 2021</i> Course Highlights: Data Mining, Data Visualization, Enterprise Application Development, Healthcare Analytics, IT Audit Analytics, Marketing, Statistics, Finance – Accounting and Investments, Database Management	
	<b>Manipal Institute of Technology, Manipal, India</b> <i>Bachelor of Technology in Electronics and Communication Engineering, GPA 3.64 / 4.0 May 2016</i> Course Highlights: Logic Design, JAVA, Communication Networks and Security, Applied Mathematics	
SKILLS	<b>Programming &amp; DB :</b> C#, Python, R Studio, MySQL, SQL Server, Google Analytics, MS Azure, SAS, HTML, CSS, <b>Software:</b> Microsoft Office 365, Visio, SharePoint, Staffit, PowerBI, Tableau <b>Certification:</b> Tableau Desktop Specialist, Google Cloud Platform Big Data and ML Fundamentals	
EXPERIENCE	<b>Oncology Bioinformatics Dept – University of Illinois Cancer Center</b> <i>Graduate Research Assistant</i>	October 2020
	<ul style="list-style-type: none"> <li>Designed and developed a disease-wise <b>data dictionary in Tableau</b> for cancer researchers to focus on the variables relevant to the disease of, and ask for a more educated cohort for hypothesis development</li> <li>Implemented a researchers' publications management application to maintain Cancer center publications</li> </ul>	
	<b>Coronavirus Visualization Team – Erevna (Harvard University), Remote</b> <i>Research Data Analyst and Project Manager</i>	Summer 2020
	<ul style="list-style-type: none"> <li>Co-lead multiple data visualization projects and mentored teams on data analysis, database management, presenting insights with informative visualizations using <b>Tableau Dashboards</b> on impact of COVID 19 worldwide</li> <li>Managed project requirements, timelines and milestones to achieve the desired outcomes in Agile based approach</li> <li>Monitored project progress through regular meetings in the <b>agile structure</b> and coordinated with <b>project planning</b> team to design strategy delivering on partner expectations and achieved project targets successfully for the organization</li> </ul>	
	<b>Deloitte Consulting USI, Mumbai, India</b> <i>Business Technology Analyst</i>	August 2016 – October 2018
PROJECTS	<ul style="list-style-type: none"> <li>Designed and implemented efficient technical solutions on <b>C# .Net framework</b> and <b>Corticon Business rule engine</b></li> <li>Built and deployed an integrated eligibility application for a multi-million dollar project in public sector industry of <b>Health and Human Services</b> with a performance of over <b>90% pass percentage</b> in the first testing cycle</li> <li>Lead as sole off-shore point-of-contact for product component - <b>TANF(cash) benefits</b> throughout <b>development and testing cycles</b> and effectively communicated requirements across teams at integration stage</li> <li>Devised <b>automation</b> tools to process and test complex case scenarios faster, organized quality assurance testing for modules, maintained documentation on test case scenarios and tracked logistics records</li> </ul>	
	<b>UIC LIAUTAUD GRADUATE SCHOOL of BUSINESS, Chicago, IL   Teaching Assistant</b>	Fall 2019
	<ul style="list-style-type: none"> <li>Assisted in teaching the course "Intro to Management Information Systems", conducting workshops for business tools such as <b>MS Access, Excel, CSS and JavaScript</b> and performed periodic grading and proctoring duties</li> </ul>	
	<b>Risk score analysis of COVID-19 cases (R Studio, Tableau)</b>	Summer 2020
	<ul style="list-style-type: none"> <li>Honed 99 socio-economic variables from ACS Census Bureau (original variable list &gt; 3500 variables) through feature selection to obtain <b>risk scores</b> for COVID 19 at county level; Normalized case rate per 1000 people</li> <li>Visualized county-wise risk scores on Tableau dashboard to provide visual acuity to stakeholders</li> </ul>	
PROJECTS	<b>Azure Web App</b>	Spring 2020
	<ul style="list-style-type: none"> <li>Built and deployed a <b>web application</b> connected to Azure DB in a private resource group</li> <li>Highlighted features of the application included establishing secure connections through firewall settings with <b>Azure resources</b>, implementing a form to read user input, and querying and presenting results from the DB</li> </ul>	
	<b>Audit Report – Tesla (R Studio)</b>	Spring 2020
	<ul style="list-style-type: none"> <li>Performed <b>comparative analysis</b> of Tesla's industry performance in the Automotive Industry against competitors</li> <li>Computed the audit budget for the financial year 2020 by devising a <b>risk assessment</b> matrix with <b>Shiny App</b> from historical data, industry benchmarks and performed sentiment analysis on relevant tweets and user reviews</li> <li>Determined material weaknesses in internal controls and produced <b>SOX assessments</b> with apt suggestions</li> </ul>	
	<b>Default loan prediction and investment strategies – Lending Club (Python, R Studio)</b>	Spring 2020
PROJECTS	<ul style="list-style-type: none"> <li>Aggregated data on Lending Club loans to interpret results using predictive <b>ML modelling</b> - decision trees, random forests, gradient boosting models and GLMs that predict default loans of Lending Club</li> <li>Identified best model to make investment decisions by comparing <b>performance evaluation</b> metrics such as RMSE, ROC and lifts curves to recommend top loan grades resulting in best ROI for investors with an accuracy of 91%</li> </ul>	