

# Rahul Bahadur

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Education	<b>Masters in Information Management</b> University of Maryland, College Park, MD <b>GPA 3.83</b>	May 2018 (expected)
	<b>Bachelors in Industrial and Production Engineering</b> Manipal Institute of Technology, Karnataka, India <b>GPA 3.91</b>	May 2013
Technical Skills	<ul style="list-style-type: none"><li>• <b>Programming Languages:</b> R, Python (Data Science), MySQL, HTML &amp; CSS, C++.</li><li>• <b>Software:</b> RStudio, Tableau, MS Excel, SAP Material Management, MS Visual Studio</li></ul>	
Experience	<b>Data Analyst and Statistician</b> , Joint Institute for Food Safety and Applied Nutrition (JIFSAN), University of Maryland & USDA (Nutrients Data Laboratory)	Feb 2017 - Present
	<ul style="list-style-type: none"><li>• Analyze and compare nutrient composition of various marketed food items through statistical tests.</li><li>• Create reusable codes in R for automatically conducting difference tests on large datasets.</li><li>• Present the results through various visualizations, using R's ggplot and plotly, to be published in research papers and posters.</li><li>• Compute the missing values for nutrients in any food products by comparing it with similar items present in the market through applications of multiple regression and other prediction techniques.</li></ul>	
Projects	<b>Systems Engineer</b> , SAP Material Management & SAP ABAP Consultant Tata Consultancy Services (TCS), Pune, India	Aug 2013 – July 2016
	<ul style="list-style-type: none"><li>• Upgraded the client's existing SAP system to the latest industry standards, documented the changes made and gained knowledge about the international best practices applicable in the industry.</li><li>• Worked in the complete life-cycle of a project – from the initiation and requirement gathering phase to the 'go-live' phase and gained valuable insights of the different project development methodologies like Agile, Waterfall etc.</li><li>• Received an appreciation email from testing team lead for working as a team member and completing the project 3 weeks ahead of time.</li><li>• Received an appreciation letter as well as a bonus from the TCS SAP Global Practices head for my efforts in implementing an automated testing tool which brought down the lead time by 40%.</li><li>• Provided companywide hands-on training to colleagues on the uses of the automation tool and prepared documentations for the same.</li></ul>	
Projects	<b>Mapping Inequality, DCIC (Digital Curation and Innovation Center)</b> , team member University of Maryland	Jan 2017- May 2017
	<ul style="list-style-type: none"><li>• Prioritized the factors on which the loans handed out through the federal loan program of 1930-40 were based upon, using Random Forests, Text Analysis and other machine learning techniques.</li></ul>	
	<b>Effect of holidays on crime rates</b> , team member University of Maryland	Sep 2016 – Dec 2016
	<ul style="list-style-type: none"><li>• Analyzed previous 5 year's crime data for Washington DC and correlated them with the holidays observed in the area to come up with how holidays affected the crime rates.</li></ul>	
Projects	<b>DataLeague, iSchool Open Data Hackathon</b> , team member University of Maryland	Nov 2016
	<ul style="list-style-type: none"><li>• Stood third in an open data challenge organized by the university for designing an app which can come up with the safest route among the many suggested by any navigation app by taking into account previous years' weather and automobile crash data.</li></ul>	
Communications	Hosted many events for Y4D 'YoungThinkers' – an NGO and non-profit organization working to bring about sustainable positive socio-economic changes in Indian cities through the implementation of modern technologies. ( <a href="http://www.y4d.ngo">www.y4d.ngo</a> )	