

Rishabh Mulani

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Work Experience

Data Science Analyst, Deere and Company (John Deere)

Champaign, IL, USA

JAN. 2018 - PRESENT

- Used predictive modeling, hypothesis testing to recommend actionable improvements in the manufacturing process and design of machines
- Predicted engine performance outcomes using daily data from a deployed fleet of more than 10,000 machines amounting to 560 billion rows (14 TB) of a database. Achieved an accuracy of 87%
- Used GPS, laser data and computer vision to make the robotic lawn mower (Tango) identify its location

Project Manager, Business Intelligence Group at UIUC

Champaign, IL, USA

JAN. 2018 - MAY 2018

- Consulted a Fortune 500 company to help optimize their intranet portal, built an intranet governance framework
- Used NLP to understand employees' sentiments and create actionable recommendations

Innovation Engineer, Contera

Pune, MH, India

JUN. 2017 - AUG. 2017

- Developed next gen. low cost, high reliability home automation, IoT enabled devices
- Developed an Android app and worked with Raspberry Pi, Arduino, Keil uVision to implement wireless command and data transmission

Deputy Manager- Business Development, Siemens Financial Services Pvt. Ltd.

Mumbai, MH, India

JUN. 2014 - JUN 2017

- Developed the leasing portfolio pan India while driving projects that leveraged the use of technology to boost business results
- Consistently exceeded targets: by 200% in FY 2016-17, by 130% in FY 2015-16 and by 140% in FY 2014-15

Projects, Research & Publications

2018	Visualizing Fleet Fuel Management data , PYGHACK 2018, 24-hour hackathon at the University of Illinois Research Park, visit: rishabhmulani.github.io/pyghack.github.io	Champaign, U.S.A
2018	Visualizing the Urbana Arrests data , final project for the course IS590DV: Data Visualization, visit: github.com/rishabhmulani/Data-Viz-Urbana-Arrests	Champaign, U.S.A
2017	Predicting the value of Bitcoin , final project for the course IS590PR: Prog. for Analytics and Data Processing	Champaign, USA
2015	SFS@OneClick , Android application created for Siemens Financial Services Pvt. Ltd.	Mumbai, India
2012	2nd Place, Research Paper presentation , Acquiring an Agile Mindset for Agile Leadership in Indian Organizations. Paper presented at PMI Conclave	Mumbai, India
2014-2017	Other research areas , Thought leadership, RFID Automation, Data Analytics in Agriculture	Champaign, USA

Accolades & Leadership

2018	President , Special Libraries Association, UIUC Student Chapter	Champaign, USA
2017	Co-chairperson, Corporate Division , Special Libraries Association, UIUC Student Chapter	Champaign, USA
2015	Winner-Exemplary Award for Excellence in handling & developing the leasing portfolio , Siemens Financial Services Pvt. Ltd.	Mumbai, India
2015	Featured in the Siemens India Customer First Bulletin for “Leveraging Technology to Boost Customer Centricity” , Siemens Ltd.	Mumbai, India

Skills

Programming: Python, SQL, Java, C++, C, Android, C#, LaTeX, HTML, CSS, R

Technologies: Jupyter, Tableau, Git, Plotly, ASP.Net, Machine learning, NLP, RaspberryPi, Computer Vision

Education & Certifications

University of Illinois

Urbana-Champaign, USA

MASTER OF SCIENCE IN INFORMATION MANAGEMENT, GPA: 3.90

Dec. 2018

NMIMS University

Mumbai, India

MASTER OF BUSINESS ADMINISTRATION IN TECHNOLOGY MANAGEMENT, GPA: 3.14

Aug. 2014

NMIMS University

Mumbai, India

BACHELOR IN COMPUTER ENGINEERING, GPA: 3.14

Aug. 2014

Indian Statistical Institute

Mumbai, India

SIX SIGMA GREEN BELT

Jul. 2014- Jul. 2019

Project Management Institute

Newton Square, USA

CERTIFIED ASSOCIATE IN PROJECT MANAGEMENT (CAPM)

Sep. 2013- Sep. 2018