

Rishabh Mulani

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Work Experience

Data Engineer, National Center for Supercomputing Applications

Urbana, IL, USA

APR. 2019 - PRESENT

- Selecting, optimizing and integrating data science tools and frameworks to provide solutions to research teams
- Developing & supporting infrastructure for projects that harness big data and cutting-edge scientific research using machine learning

Data Science Analyst, Deere and Company (John Deere)

Champaign, IL, USA

JAN. 2018 - DEC. 2018

- Achieved an accuracy of 87% in predicting engine performance outcomes from approx 10,000 machines, 560 billion rows (14 TB) of a database
- Identified actionable improvements in the manufacturing & design of machines using hypothesis testing and predictive modeling

Project Manager, Business Intelligence Group at UIUC

Champaign, IL, USA

JAN. 2018 - MAY 2018

- Led a team of 5 consultants to provide consulting services to a Fortune 500 client which ultimately led to a revamped intranet portal
- Managed strict project timelines and requirements successfully by conducting in-person and virtual meetings with multiple stakeholders

Assistant to the sales director (Social Media & Web Analytics), Illini Media Company

Champaign, IL, USA

SEP. 2017 - JAN. 2018

- Analyzed sales & marketing campaign data, website click-throughs, page impressions for 4 sub-companies using Google Analytics
- Prepared & presented dashboards and reports to improve sales force effectiveness

Innovation Engineer (IoT), 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 & delivered different technological solutions ranging from automated MS Excel spreadsheets to a full-scale Android app
- Consistently exceeded targets: by 200% in FY 2016-17, by 130% in FY 2015-16 and by 140% in FY 2014-15

Skills

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

Tools/Technologies: Jupyter, Tableau, Git, Plotly, Machine learning, NLP, RaspberryPi, Hive, MS PowerPoint, MS Excel, Google Analytics

Projects, Research & Publications

2018	Smart cities & smart homes , final project for the course IS590IN: IoT and Applications for Business, visit: https://github.com/rishabhmulani/loT_neopixel_demo	Champaign, U.S.A
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
2014-2017	Other research areas , IoT, Thought leadership, RFID Automation, Agile Leadership, Data Analytics	Champaign, USA

Accolades & Leadership

2017-2018	President, Co-chairperson , Special Libraries Association, SLA Student Chapter: Managed a 50 person student group with four divisions. Organized & marketed various events conducted under the SLA banner	Champaign, USA
2015	Winner-Exemplary Award for Excellence , Siemens Financial Services Pvt. Ltd.	Mumbai, India
2015	Featured for "Leveraging Technology to Boost Customer Centricity" , National Bulletin, Siemens Ltd.	Mumbai, India

Education & Certifications

University of Illinois at Urbana-Champaign

Urbana, IL, USA

MASTER OF SCIENCE IN INFORMATION MANAGEMENT, GPA: 3.89

Dec. 2018

NMIMS University

Mumbai, India

MASTER OF BUSINESS ADMINISTRATION IN TECHNOLOGY MANAGEMENT, GPA: 3.14

Aug. 2014

BACHELOR IN COMPUTER ENGINEERING, GPA: 3.14

Aug. 2014

Indian Statistical Institute

Kolkata, India

SIX SIGMA GREEN BELT, LICENSE: ISI/SSGB-27/2014/MUM

Jul. 2014- Jul. 2019

Project Management Institute

Newton Square, USA

CERTIFIED ASSOCIATE IN PROJECT MANAGEMENT (CAPM), LICENSE: 660923

Sep. 2013- Sep. 2018