

RISHI JAIN

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EDUCATION

University of Maryland - College Park, Maryland, USA

Expected Graduation – December 2019

Masters of Information Management - Data Analytics Specialization

Coursework – Data Analytics, Data Science, Artificial Intelligence, Visual Analytics, Users Experience, Information Policy, Statistics

Visvesvaraya Technological University - Bangalore, India

2013 - 2017

Bachelor of Engineering - Computer Science Engineering

KEY SKILLS

Professional Skills: **CISSP** (TC)*, Financial Audit with IT integration, IT General Controls Testing - Manage Access, Manage Change & Manage IT Operations, Third Party Risk Management, SOC/SOX 404 Evaluation, SLA Reporting, IT Audits, AM Audits, Risk Management, ERP tool management with Database Integration using Python API, Professional Reporting and Visualizations.

Technical Skills: Python, Excel VBA, SQL, R, API Scripting, Visualization, C++, HTML-5, JavaScript, CSS, Account Command Language.

Software Packages: Salesforce, 12-Twenty Interface, Advanced Excel, EY-Softwares, MS Office Suite, Spotfire, G-Suite, Tableau, Python Anaconda, Spyder, R Studio, MS SQL Server, Power BI, Robotic Process Automation Tool.

WORK EXPERIENCES

Ernst & Young LLP - Tysons Virginia, USA

June 2019 – **Present**

Summer Internship in Risk Advisory (FSO)

- IT Technology Risk Management and Financial Audit with IT Integration – scope and strategy development, walkthrough phase and test of one for the audit procedures.
- Audit exposure with top Fortune 500 Banking and Financial sector clients of the firm.
- Robotic Process automation using the inhouse RPA tool for evidence retrieval and preparation of evidences for the audit.
- Exposure on Innovation Implementation, Control Testing, Technology Implementations and Client Service Management experience for the emerging clients in the industry.

Robert H Smith School of Business, University of Maryland, College Park, Maryland, USA

November 2018 - **Present**

Graduate Research Assistant at Office of Career Services

- Responsible for managing the career services portal and student database of the Business School called HireSmith. Day-in day-out real time management of the portal with regular updates and enhancements.
- Salesforce Project – Developed ubiquitous system to integrate data movement and reporting using python API calls and scripts.
- Strategy and Innovation development for Business School to enhance Student Database Management System by implementing third party integrated and affiliated platforms housed by the team.
- Real time working with the affiliation platforms of Salesforce and 12Twenty.
- Report generation and management for the leadership team of OCS at RH Smith School of Business.

Ernst & Young LLP - Bangalore, India

July 2017 - June 2018

Risk Analyst II in IT Risk Advisory (FSO Americas)

- Performed IT Audits, Asset Management Audits, SOC Report Evaluation, SOX 404 Testing for US based Wealth & Asset Management and Banking Sector Clients through risk assessment and creation of controls to mitigate the risk.
- Produced a strategy to run a command run on client system to fetch evidences for audits replacing screenshots reducing work hours of team members to obtain evidences from clients.
- Created multi-purpose controls (ITGC) to mitigate multiple risks over Manage Access, Manage Control and IT Operations, all together, reducing multiple assessments of the client IT systems for different specifics.
- **Promotion to OPERATIONS ANALYST (TruSight Solutions: EY TPRM Project)** - Subject Matter Expert in Evaluation of Verified Best Practice Questionnaire of Third Parties associated with American Express, Bank of America, Wells Fargo, Bank of New York Mellon and JP Morgan Chase.
- Contributed in the Production Launch of the project through the build phase of Trusight by modifications and updates in the third party API to perform similar operations with reduced human intervention and time consumption.

iTecs Communications Pvt. Ltd. - Bangalore, India

June 2016 - August 2016

Summer Internship in Production and Marketing Team

- Produced an exhaustive marketing strategy for a new to-be-launched product in India & Malaysia, which was a huge success.

Merkur Gaming India Pvt. Ltd. - Noida, India
Internship as Software Developer

January 2016 – February 2016

- Coding, debugging, testing, and implementation of Casino cabinet Land-based games - became company's licensed Products. Redesigned game data model to support phone & tablet resolutions, using Adobe Phone Gap - Became the company's highest grossing game across multiple platforms.

Om Kothari Foundation (NGO) - Rajasthan, India

February 2016 – February 2017

Volunteered as Chief Data Analyst in the Innovation Team

- Applied Random Forests Algorithm & Learning Analytics to develop Predictive Models for innovative ways of education.

IL&FS Technologies Pvt. Ltd. - Gurugram, India

July 2015 – August 2015

Summer Internship in Business Operations Team

- Technology advisor - Transformed traditional to e-procurement achieving it by personalization of ERP based platform on X++.

RESEARCH PAPERS

- [Business Analytics and Data Mining Techniques using Predictive Algorithms to enhance Business Intelligence ISER ICABMIS in Los Angeles, California](#) – Paper ID: IS-ABMISLASVGS-17049-11720 (*Presented and Published in 2019*)
- [Cloud Based Data Analysis integrating R for scalable distributed system Supporting Real- time Analytics](#)
e-ISSN: 2454-9258, p-ISSN: 2454-809X | Paper code: IJIASE/5712 (*Published in 2018*)
- [Real Time Big Data Analytics for Remote Sensing Applications](#)
NCICT Bangalore, India - ISBN: 978-93-84935-74-0 (*Presented and Published in 2016*)

CERTIFICATIONS

- ***CISSP** – Certified Information Systems Security Professional - [Simplilearn Certificate Code: 803709 \(Training Completion\)](#)
- AWS Certified SysOps Administrator - Associate 2018 - [Certificate License UC-190VVYCV](#)
- Planning the Business Analysis Approach - [Certificate Licence UC-8U4XEESN](#)
- Tableau for Data Science - [Certificate License UC-TEP2ILIQ](#)
- Blockchain and Bitcoin Fundamentals - [Certificate License UC-KRE0IN9H](#)
- Machine Learning Using Python and R in Data Science - [Certificate Licence UC-24DD1HVC](#)

COMMUNITY SERVICES AND EXTRACURRICULAR ACTIVITIES

- **Founder** - Aura 'Entrepreneurship-Cell' – Dayananda Sagar Institutions - Successful nationwide B-plan competition 'Nirmana'.
- **Graduate Student Government of UMD** – Voting member and participant in the scope and decisions for the body.
- **Vice President of MIM Student Association** – Student association for Master of Information Management Association.
- Marketing Head & Overall Fest Coordinator, Furore 2015 – Annual Cultural Fest of Dayananda Sagar Institutions.
- Dance Performer at **Commonwealth Games 2010 India** – Closing Ceremony Grand Finale
- **EY CSR** – Member of the Corporate Social Responsibility Team at Ernst and Young
- **Math Club, Numero Uno** – Commendations as host and winner of Inter-College Mathematics Quiz 2015