

CHINMAY RAOTE

Risk Analyst

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EDUCATION

Masters in Information Management (Current GPA: 3.78/4.0)

Expected May 2017

University of Maryland, College Park, MD

- *Courses:* Data Analytics, Digging into Data, Data Visualization, Strategic Management, Capstone Project

Bachelor of Engineering in Electronics (GPA: 3.9/4.0)

May 2013

University of Mumbai, India

PROFESSIONAL EXPERIENCE

Risk Analyst Intern

June 2016 – Present

Airlines Reporting Corporation (ARC), Arlington, VA

Risk Management

- Performed Risk assessment and plotted the heat map of Inherent vs Residual risk scores to continuously monitor risks.
- Implemented the risk management system in Modulo (a GRC tool) to automate decision making for the Chief Information Security Officer.
- Driven evaluation of internal controls within the corporate security team to achieve industry compliance and certification (ISO 27001, PCI v3.2 and CIS SANS TOP 20).
- Collaborated with the Chief Risk Officer and the Chief Information Security Officer to identify control owners.
- Identified and developed process changes based on Cyber security Capability Maturity Model and achieved level 3.

Business Organization Reconciliation

- Performed asset inventory evaluation to enable program decisions by increasing metrics threshold.
- Identifying and collaborating with business process owners to understand the business functions and assets in use.
- Suggested and initiated a role based approach for the access management system.

Business Process Continuity

- Facilitated business continuity planning to determine application and asset inventory resulting in architectural improvements in technical infrastructure.
- Involved in BIA (Business Impact Analysis) assessment, to identify critical systems and business processes.

Software Engineer | Business Intelligence Consultant

Aug 2013 - July 2015

Larsen & Toubro InfoTech Ltd, Mumbai, India

MIND Business Intelligence, HBO (Home Box Office)

- Analyzed machine data coming from various locations using BI to perform analysis of shows in different regions.
 - Significantly reduced the loading time of reports by modifying SQL queries and manipulating metadata repository.
 - Completely automated data load transactions which helped increase efficiency and reduce time spent and manual intervention in data loading.
 - Designed and developed role based dashboards using Oracle Business Intelligence that helped take efficient decisions.
 - Conducted requirement analysis, development of test cases for periodic roll-outs of reports and dashboards.
 - Presented weekly reports and delivery walkthroughs; constantly maintained Client Satisfaction Index at 4.7/5.0
 - Trained 10 new recruits in understanding HBO's project domain and the business logic of MIND.
 - Successfully performed data migration of 4 Million records using PL/SQL.
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ACADEMIC PROJECTS

Data Analytics: Analyzing Traffic Accidents in US (NHTSA data)

2015

- Performed data transformation then carried out descriptive and inferential statistics in R to explore trends in accidents.
- Developed data models to identify correlations and performed advanced statistical analysis.

Data Science: Predicting Movie rating and viewership

2016

- Created dashboards for the exploratory analysis in Tableau and R Shiny to understand the initial trends.
 - Developed a web scrapper to collect hashtag data from twitter to perform sentiment analysis.
 - Predicted ratings of upcoming movies at 92% accuracy using predictive analysis and machine learning techniques.
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TECHNICAL SKILLS

- **Programming:** C++, Embedded C, Visual C++, Java, J2EE, Java Struts 2.0, javascript, Hibernate, R, R Shiny, D3.js
 - **BI Tools:** Tableau, OBIEE (Oracle Business Intelligence Enterprise Edition)
 - **Web Technology:** HTML 5, CSS 3, JavaScript, JSP, XML, XSLT, Drupal 7
 - **Database:** SQL Server 2008, Teradata, Oracle Toad 10, MS Access
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LEADERSHIP EXPERIENCE & AFFILIATIONS

- Organized Education drive and initiative towards greener environment as a part of One Step-L&T's CSR community. *2014*
 - Awarded Scholarship throughout undergrad for academic excellence. *2009-2013*
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