Prakhar Singh

3406 Tulane Drive, #21, Hyattsville, MD 20783; (240) 360-6649; prakhar.singh@rhsmith.umd.edu

Education

Robert H Smith School of Business, University of Maryland, College Park, MD   Dec 2016
Master of Science in Information Systems. GPA: 3.33
Relevant Courses: Data Models and Decisions, Data Mining and Predictive Analysis, Database Management Systems
                Business Process Analysis for IT, Data Networks & Infrastructure

Manipal Institute Technology, KA, India   May 2015
Bachelor of Technology in Civil Engineering, GPA: 3.8
Relevant Courses: Financial Management, Essentials of Management and Engineering Economics

Certifications

- 'Data Visualization and Communication with Tableau' by Duke University : Analyzed the 'dognation' dataset and used dashboarding and storytelling to display the results
- 'Project Management Principles and Practices' by University of California, Irvine. This included certifications in: 'Initiating and Planning Projects', 'Budgeting and Scheduling Projects' and 'Managing Project Risks and Changes'
- 'Agile Meets Design Thinking' by University of Virginia (Currently Pursuing)
- 'R Programming' by Bloomberg School of Public Health, Johns Hopkins University (Currently Pursuing)

Work Experience

Smith IT, Robert H. Smith School of Business   Aug 2015 - Present

Graduate Assistant (IT Consultant)

- Analyze the needs of various clients and systems in the business school and help them improve organizational effectiveness by implementation of applications, services and technology
- Collaborate with clients to discuss their needs and develop reports to perform analyses of the situation, prioritize the work and mitigate the risks

Galfar Engg. & Contracting, India   Jun 2014 - Jul 2014

Project Management Intern

- Leveraged the available resources to form creative methods to enhance collaboration and teamwork, cutting down the project duration by 2 months
- Used professional skepticism for the review and approval of test samples; audited available stocks; applied feedback from the past to address the needs of the project

Academic Projects

University of Maryland-College Park   Aug 2015 - Present

Organizational Database for iMovies – Salesforce and MS SQL implementation

- Formulated the business objectives and transactions for the client to let them collect, store and enable information intelligence to meet the needs across all business operations including finance & risk
- Developed an entity relational schema capturing the organizational details and major business operations focusing on business development activities, to generate dashboard reports
- Deployed a Salesforce CRM model based on the Relational Schema, to improvise data analytics, storytelling and business intelligence for the management

DONCO LTD Feasibility Study – Business and IT expansion analysis

- Performed feasibility study for offshore business expansion of Donco Ltd in Somalia, Africa to help the client align IT with business values and to enhance efficiency with global integration
- Assessment focused on in-depth market analysis and quality control of the internet service providers focusing on infrastructure, operations and risks
- Executed SWOT analysis to zero down on the feasible geographic locations, considering economic and political conditions of the country and formed a strategy for expansion

Skills

- Business Analysis and Processes Skills: Agile, Waterfall, SDLC, UML, Lucid Chart
- Database & Data Analysis Skills: MS SQL Server, Stat Tools, @Risk, Precision Tree, Solver table, Pivot Table, V lookup, Regression Analysis, Hypothesis Testing, Confidence Interval
- Languages and Tools: Microsoft Office including Excel and PowerPoint, R, Tableau, Salesforce, Google Sketchup

Leadership and Volunteer

- Active member of Terrapin Photography club, The Terp Service including Terps for a Change and Terps Service Days
- Commanded and travelled across India, with a team of 20 cadets in National Cadet Corps (A sub unit of Indian Army)
- Drafted a Global ethics & values code, communicated the research findings and recommendations concisely to the United Nations, as a delegate of Global Ethics and Value Convention