Example of a Job Description for an Operations Research Analyst

Operations Research Analysts:

- Use strong quantitative and analytic abilities to integrate and analyze data
- Develop and implement complex mathematical and statistical models that relate sales or marketing activities to financial results
- Develop custom analysis tools in a variety of programming languages and applications such as Visual Basic, MS Access, and MS Excel
- Facilitate client meetings in areas such as customized sales forecasting

Typical Project Types:

Sales Force Size and Structure, Incentive Compensation, Forecasting, Micromarketing.

What opportunities are available for an Operations Research Analyst?

The XXX OR Analyst position provides you with the opportunity to take on real responsibility on major consulting assignments, gaining extensive exposure to many different sales and marketing issues. This position allows you to apply your analytic and technical skills in a business environment.

Our project teams are usually comprised of two to four people drawn from different levels of the firm. Working in small teams allows you to develop a close working relationship with XXX Consultants, Managers and Principals. This enables you to quickly gain exposure, knowledge and experience.

You will grow into new responsibilities through on-the-job and organized training. Your progress will be guided by your Professional Development Manager and by feedback from project managers. As your analytic and technical skills grow, so do your opportunities for project management. Based on your performance, skills and interests, you may be eligible for sponsorship for an advanced degree or further education.

What is a typical career progression?

OR Analyst:
Develop technical, business and teamwork skills. Establish a base of knowledge in sales force and marketing issues.

OR Consultant:
Lead projects. Develop project, team and client management skills. Establish a stronger foundation in sales force and marketing issues. Develop creative and actionable solutions to clients' needs.

Manager:
Manage projects, people and client relationships. Develop in-depth expertise in specific functional, industry and skill track areas. Build long-term relationships at middle and senior levels of the client organization. Act as a mentor, helping to develop the professional growth of others.

Principal:
Deepen specialized skills in functional, industry and skill track areas. Build long-term relationships at senior levels of the client organization. Lead practice area development, innovationa nd growth. Forge new client relationships. Act as a mentor, helping to develop the professional growth of others.

What are we looking for?

OR Analysts have a BA/BS, MA/MS or PhD from a leading program in Industrial Engineering, Engineering, Operations Research, Applied Mathematics, Statistics, Physics, Mathematics, Economics or a related field.   More than 55% of our OR Analysts hold a Master's or PhD degree. Beyond a strong academic record (GPA of 3.5/4.0 or higher), we seek individuals with the following:

- Quantitative Skills
- Initiative
- Leadership Experience
- Motivation
- Strong Work Ethic
- Detail Orientation Skills
- Communication Skills

- Calculus
- Probability and Statistics
- Linear and Nonlinear Optimization
- Modeling
- Simulation and Linear Algebra