AMIT PAUL

718 Carriage Hill Street, Apt. 4 ~ Iowa City, Iowa 52246

319-400-2621   **amit.paul@gmail.com**

QUALIFICATIONS

Hard working, detail-oriented Information Technology and Business Analysis Professional with strong statistical background and international experience. Excellent database modeling, analysis and data mining skills. Quick learner with outstanding academic record. Excellent teaming skills with superior communication and interpersonal skills in diverse environments. Comprehensive computer skills detailed below. Fluent in English, Hindi and Bengali. Will relocate and travel.

EDUCATION

UNIVERSITY OF IOWA, Iowa City, Iowa
Master of Science in Industrial Engineering, anticipate graduation May 2005
~ GPA 3.87 / 4.00
~ Secretary, Human Factors and Ergonomics Society, University of Iowa Chapter

INDIAN INSTITUTE OF TECHNOLOGY, Kharagpur, India
Bachelor of Technology in Architectural Engineering with Honors, 2001
~ GPA 3.42 / 4.00
~ President's Silver Medal for first position in Architectural Engineering program
~ First Position Technopreneur, Business plan competition

RELEVANT COURSEWORK

- Computational Intelligence and Data Mining
- Database Management Systems
- Information Systems Design
- Integer Programming and Network Flows
- Probability and Stochastic Processes
- Applied Regression and Multivariate Analysis
- Managerial Accounting
- Supply Chain Management

COMPUTER SKILLS

Data Modeling & Analysis: SQL, QBE, UML, ETL Process, Data Normalization, RDMS Methodology.

Programming: C++, Java, JavaScript, HTML, Xpress-MP, Lindo, Excel Solver.

Packages: SAS, MATLAB, Weka, AutoCAD, MS Word, Excel, PowerPoint, Access, Project, and Visio.

PROFESSIONAL EXPERIENCE

UNIVERSITY OF IOWA, Iowa City, Iowa   2003 - Present
Graduate Research Assistant

- Designed and implemented program in the Human Factors and Statistical Model Lab using SAS and MATLAB to analyze driver performance data and identify factors influencing crashes.
- Developed SAS program in SIREN driving simulator and laboratory to perform data extraction, estimate driving performance metrics and compare them to driver's physiological metrics.
- Assisted students in learning concepts in operations research course, such as linear programming, queuing theory and Markov processes, and graded student assignments.

PROFESSIONAL EXPERIENCE
(continued)

SAPIENT CORPORATION, New Delhi, India   2001 - 2003
Information Architect

- Led close-knit team of eight associates with reputation for delivering quality work on time.
- Prepared physical data flow diagram, data models and functional specifications for Courses module of Cisco Network Academy Management System.
- Prepared sequence diagrams and entity relationship (ER) model using UML to improve communication between sales and marketing in a leading investment bank (Janus).
- Performed competitive audit and prepared design recommendation for Opodo flight research system that drove their service quality ahead of competition.
- Documented business requirements with inputs from client representatives and translated requirements into effective design for the business data models.
- Nominated for the Core Value Awards of Creativity and Client Focused Delivery.