

# Vikrant (Vic) Anand

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## Education

### Carnegie Mellon University - Graduate School of Industrial Administration

Pittsburgh, PA

*Master of Science in Industrial Administration (MBA), May 2000*

*GPA: 3.9/4.0*

- ♦ Graduated with Honors, GMAT: 710
- ♦ Concentrations: Finance, Production & Operations, and Quantitative Analysis
- ♦ Elected to Beta Gamma Sigma, the national business honor society
- ♦ Recipient of the Vera Heinz Merit Scholarship
- ♦ Elected Management Game Team President. Elected president of the GSIA RoadRunners club.

### Massachusetts Institute of Technology

Cambridge, MA

*Bachelor of Science in Mechanical Engineering, June 1995*

*GPA: 4.2/5.0*

- ♦ Attended MIT on a full scholarship from the National Security Agency (NSA). One of fifteen students selected from across the nation for the scholarship. Granted a Top Secret SCI security clearance from the NSA.
- ♦ Worked part-time at the Sloan Automotive Laboratory. Set up engine test facilities for research experiments.
- ♦ Teaching assistant for a C programming class. Awarded the position after outstanding performance in the class.
- ♦ Voted as House Manager at Phi Kappa Theta fraternity. Voted Entry Chairman at MacGregor dormitory.

## Experience

### Science Applications International Corporation (SAIC)

McLean, VA

*A \$6 billion professional services firm providing outsourcing and IT services to government and commercial clients*

*Senior Business Analyst*

*Oct 2001 – Dec 2003*

- ♦ Financial Management for the National Imagery and Mapping Agency (NIMA)  
In order to comply with Department of Defense Financial Management Regulations, NIMA must prepare financial statements similar to those used for commercial entities. However, NIMA's most valuable asset is its library of imagery, an internally developed intangible asset not recognized by traditional accounting methods. Analyzed possibility of adopting FASAB accounting rules on internal-use software for imagery; benchmarked relevant government and commercial accounting practices; recommended options for valuation of imagery inventory; NIMA and Department of the Treasury agree with the analysis, and NIMA continues to request further detailed studies.
- ♦ Business Case Development for the United States Marine Corps  
Led a team that developed a business case analysis for the Marine Corps audiovisual equipment program. Conducted interviews with Marines in both tactical and garrison environments to understand their audiovisual equipment requirements. Conducted research on both applicable federal regulations and pertinent technology trends. Developed a relational database to capture this information, complete with built-in forms and reports. Analyzed cost drivers and operational requirements, formulated an acquisition strategy for audiovisual equipment, and developed program management metrics for this program.
- ♦ Business Case Development for the Federal Emergency Management Agency (FEMA)  
Led a team that assisted FEMA with the development of multiple business cases (OMB Exhibit 300), for its e-Government initiative, Disasterhelp.Gov. This is a portal through which citizens can obtain information on government assistance programs, and through which government agencies can share information on disaster recovery efforts. Conducted interviews with FEMA partner agencies to uncover business process reengineering work that must occur in order for the portal to achieve its full benefits. The resulting business case quantified benefits to citizens in terms of time savings from streamlined government procedures, and reduced economic losses from lost workdays. It also quantified expected savings to the government from reduced data collection and processing.

### Deloitte Consulting, LLC

Detroit, MI

*A \$3.5 billion management consultancy, and part of accounting firm Deloitte & Touche*

*Senior Consultant*

*August 2000 – June 2001*

*Summer Associate*

*May 1999 – August 1999*

- ♦ Strategy Development for a B2B Startup Company  
A B2B startup in the automotive tooling and equipment sector was in the pre-venture capital phase. Worked with senior management to develop a competitive strategy. Identified competitive threats and actions necessary to mitigate those threats, then updated the company's business plan was updated to reflect this. Once the business plan was finalized, a financing proposal for venture capitalists was developed, as was an implementation and operating plan for the company's first potential customer.
- ♦ Benefits Tracking at a Major Food Company  
The client was organized into eleven independent operating companies, and had undertaken a \$420 million

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performance initiative at the corporate level. After one year, benefits had failed to materialize from the initiative. Deloitte worked with senior financial management to standardize benefit tracking and reporting across the client's operating companies. Developed an Access database for data storage and automatic report generation. Tied reported benefits to a P&L statement. The client realized an additional \$60 million in benefits as a result of these efforts.

## ♦ Supply Chain Optimization with Internet Technology

Used internet technologies to improve information flow between a major Japanese auto manufacturer and its consumers, dealers and suppliers. Resulted in \$100 million in inventory cost savings, and reduced order-to-delivery times. Developed a prototype website to allow consumers to custom-order vehicles, and piloted the web site within Deloitte Consulting.

## Ford Motor Company

Dearborn, MI

*Financial Analyst, Product Development Finance*

*July 1997 – July 1998*

- ♦ Analyzed emerging markets in Africa and the Middle East for the 1997 Explorer program. Based on my profitability analysis, Ford delayed entry into these markets.
- ♦ Performed a competitive analysis of the option packages on the 1997 Jeep Grand Cherokee. Ford adopted my recommendations to simplify Explorer option packages.
- ♦ Wrote a prototype computer program to simulate a web-based ordering guide for Ford dealers. A version of my idea was adopted by Ford dealers in 2000.
- ♦ Prepared a final status paper for the Right-Hand-Drive Explorer program after obtaining data from Manufacturing, Purchasing, and Marketing. Data from my analysis was presented to the board of directors by my manager.

*Manufacturing Engineer, Automatic Transmission Operations*

*July 1995 – July 1997*

- ♦ Reduced noise levels of the 4x4 system of the Ford Expedition by testing different clutch configurations and recommending the optimal configuration. The change was incorporated into the 1997 Expedition.
- ♦ Performed make/buy analyses in Business Planning for components of a new transmission. Analyzed existing transmission plant capacity projections to determine the optimal sourcing locations for new components. The new transmission went into production in the 1999 model year with my recommendations incorporated.

## General Motors Corporation

Warren, MI

*Summer Intern, GM Tech. Center, Engine Research Department*

*Summer 1994*

- ♦ Conducted an engine-based heat transfer experiment to determine the sump-side heat transfer coefficient of a piston due to oil sling. Analyzed heat transfer data and calculated heat transfer coefficients as a function of crankshaft angle and engine speed.

## Achievements and Personal Interests

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- ♦ Interned at the U.S. Naval Research Laboratory for two summers. Co-wrote and published with William Spears: *A Study of Crossover Operators in Genetic Programming*. Sixth International Symposium of Methodologies for Intelligent Systems, 1991.
- ♦ Enjoy running and bicycling:
  - ♦ Ran the 2002 Pittsburgh Marathon, 1997 Detroit Marathon, and numerous other races.
  - ♦ Won the team division of the 1998 Carnegie Mellon triathlon.
  - ♦ Biked tours in the Canadian Rockies, North Dakota, and western Michigan.

## Computer Skills

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- ♦ Proficient in C#, ML, C, Visual Basic, UNIX, and web page development.
- ♦ Experience with artificial intelligence techniques such as genetic algorithms, neural networks, and simulated annealing.

## Citizenship

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- ♦ U.S. Citizen
- ♦ Top Secret clearance with the U.S. Department of Defense