

MICHAEL PARKER

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INFORMATION TECHNOLOGY MANAGER

10 years' experience in planning, developing, and implementing state of the art information solutions facilitating corporate growth. Lead cross-functional teams with diverse technical backgrounds. Designed budget controls. Adept at consensus building, crisis management, problem-solving and negotiating. Well-rounded IT background of infrastructure management (networks, systems, web-hosting) and software development management. MS in Computer Science. Strengths:

- **Strategic Thinking** – Secured \$3,000,000 in capital funding over 2-year period with estimation that project will add \$17,700,000 in value through error-rate reduction and product improvement.
- **Innovation and Creativity** – Championed use of Java, CORBA based multi-tier application architectures, Object-Oriented Analysis and Design, UML, and RUP, many of which have now been used company-wide.
- **Risk Taking and Risk Management** – Met all target goals by identifying and tracking high-risk areas, by implementing risk mitigation early and contingency plans as needed, through proof-of-concept technical and architectural prototyping, and by maintaining constant communication with program/project stakeholders.
- **Results Orientation** – Turned around key project that was one year behind schedule and met and exceeded all goals and objectives. "We achieved B+ results with C- resources." Adept VP of Biotechnology and Program Sponsor.
- **Coaching and Mentoring** – Most team members performed "above expectation" and all team members raised level of their performance.

Meet all target goals and deadlines within or below budget.

PROFESSIONAL EXPERIENCE

ADEPT CORPORATION, New York, NY, 1998–Present

Leading global provider of technology-based solutions and agricultural products. Supply IT support for R&D organization.

Program Manager, Data Management and Decision Support Systems, 2002–Present

Developed IT vision and budget estimates (total \$4.5 million) for proposed project. Co-wrote project proposal and developed project execution, staffing, architecture, and capacity plans. Project approved 6/2002.

- Expect project results to improve Intellectual Property Protection for company products, valued at \$1 billion.

Program Manager, Biotech and Molecular Breeding IT Systems, 2000–2001

Developed national and international program vision, long-range plans and goals and managed stakeholder and sponsor communication. Improved cost and schedule predictions of software projects utilizing estimation and application sizing methodologies. Reduced risk of downtime in high-throughput environment preventing potential loss of hundreds of thousands of dollars. Established "Best Practices" for software development projects at organizational level. Experimented with Extreme Programming methodology that allowed for quicker delivery and higher quality products. 21 direct reports.

- Helped reduce time-to-market for products by up to 2 years and lowered cost per data point 60% by enabling increase in data throughput.
- Reduced labor costs 5% by restructuring teams, converting contractor positions to employee status, and renegotiating contractor rates.
- Created cost-savings of \$30,000 to \$350,000 to the research organization by initiating project to track scientific leads eliminating duplication of research efforts. Delivered software product on schedule.
- Slashed number of software bugs reported 50% by improving software quality through comprehensive testing, code inspections, and standardizing and streamlining software development process.
- Recipient of Top Performance Bonus Award, 2000.

Project Manager, Molecular Breeding IT Team, 1998–2000

Pioneered development of multi-tier enterprise-wide IT applications using Java and CORBA for life science support. Directed development of IT systems for high-throughput production facility using RUP and OOAD. Directed international deployment of application. Directed off-shore development of application components (development was done in India and delivered on time). 6 direct reports

- Increased data throughput 2X in 1 year and improved data quality 20% as result of product developed by team.
- Awarded Silver Medal performance bonus, 1999, and Gold Medal performance bonus, 1998.

COLUMBIA UNIVERSITY, Genetics Department, New York, NY, 1992–1998
Globally recognized academic and research institute.

Systems Manager

Supported high-profile project with multimillion-dollar funding. Served as contact manager of network with over 1000 workstations. Consolidated network of five medical school departments. Determined system and software needs. Automated backups by writing scripts and programs, setup file/print sharing across heterogeneous systems, and improved Internet security and email connectivity by using open-source, freeware software and packages. 2 direct reports.

- Lowered annual network charges 20% by consolidating departmental networks into one logical network with one contact point.
- Cut costs, by as much as 60-70%, by consolidating software purchases. Negotiated hardware purchases cutting costs up to 10% through volume discounts from same vendor or by obtaining competing bids.
- Improved system availability by a factor of 5X through network redesign, reconfiguring system architecture and reorganizing system resources, improved system/network monitoring, and proactive system management.

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TECHNICAL EXPERIENCE

Programming/ Scripting: Java, C/C++, C# (.NET), XML, SQL, Tcl/Tk, Expect, Perl/Tk, Pascal, and Assembly 68000 (Macintosh)

Database: Oracle 8.1.x

Middleware: Inprise Visibroker

System Design: Object-Oriented Analysis & Design, E-R Modeling, Data Warehousing, Data Mining

OO Modeling: UML, OMT, Booch

CASE tools/ IDEs: ERWin, SQLNavigator, Rational Rose, Requisite Pro, tTrack, Visual Studio, Visual Café, IntelliJ

Office/ Project Software: Microsoft Office, Microsoft Project, Visio

Methodologies/ Process Improvement: Rational Unified Process (RUP), Extreme Programming (XP), Capability Maturity Model (CMM)

Software Estimation: COCOMO, Function Point Analysis

EDUCATION

Columbia University, New York, NY
MS in Computer Science, 1995
BS in Computer Science, 1990