

Setup and administer development and test network for software and web application development including integration, test, staging, and production environments. Implemented processes providing full life-cycle configuration management.

Marketing Communications Analyst (I & II) Fisher-Rosemount (Emerson) – Austin, TX Jun 93 – Jun 94
 Saved \$250,000 annually as Project Manager for multi-platform, global, multi-divisional internal company directory. Included:

- Management of internal cross-divisional team of 15+ members;
- Development of requirements and functional specifications; and
- Management of outsourced development.

Increased sales pre-qualifications by extending reach of sales and marketing initiatives by managing development and production of technical and promotional sales videos and multimedia tools. Includes experience in production, engineering, recording and editing.

Administrative Assistant (contract) Fisher-Rosemount (Emerson) – Austin, TX Aug 92 – Jun 93
 Supported the Director of Marketing Communications and managed various projects including planning and supporting large off-site and out-of-town meetings. As a result of performance, supervisor created Marcom Analyst job above to utilize my skillset.

AutoCAD Specialist CDI Corporation – Austin TX Dec 91 – Mar 92
 Reduced design problems using kinetic modeling capabilities in AutoCAD for jet airplane custom door/stairway.

Drafter/Programmer (contract) Radian Corporation – Austin TX Nov 90 – Dec 91
 Developed various AutoLISP applications to enhance capabilities of AutoCAD drafters in environmental drafting department. Provided technical modeling and drafting support of various environmental systems for permitting and remediation projects.

Technical Production Editor (contract) Texas Municipal Courts Training Center – Austin TX Feb 90 – Oct 90
 Production Editor of procedures manual for operation of Texas municipal courts. Developed automated procedures to streamline final production processes to accommodate very tight writing, editing and printing schedule.

Owner/Operator Little Bighorn – Austin TX May 86 – Dec 90
 Managed, including two contract employees, all aspects of small business providing landscaping and lawn maintenance service.

Teaching Assistant The University of Texas at Austin Aug 87 – May 89
 Classroom assistant/instructor for AutoCAD. Graded papers.

Programmer; Field Technician Accuservice – Garland TX Mar 84 – Jan 91

- Lead programmer for real-time timing software for bicycle sporting applications.
- Field support, operation, maintenance of computer, phototiming hardware.

TECHNICAL SKILLS

Windows, Linux (RedHat)	Apache	IPTables/IPChains	IPSec, VPN	JavaScript
IIS, ASP	Samba	IDS (Snort/ACID)	SSH, SSL	Perl, PHP
SQL Server, MySQL	PostFix	Ethereal, nmap	Certificate Authority (CA)	DHTML, XHTML
SiteServer, BackOffice	Mailman	PGP	AntiVirus (Amavis)	CSS, XML, XSLT
MS Office/Project/Visio	LAN, WAN	TripWire	Spam Assassin	ColdFusion
VSS, CVS	HFNetChk, Qchains	WEP, IOS	LDAP, AD	C, FORTRAN, Pascal
Dreamweaver, InterDev	Erwin	WebDAV	SQL/Crystal Reports	VB, LISP

EDUCATION

B.S.M.E. The University of Texas at Austin
 Course emphasis in computer-aided design, analysis and manufacturing; and control systems.

COMMUNITY AND ACTIVITIES

President	Windsor Park Neighborhood Association	Jan 02 – Dec 03
Youth Nurture Team Leader	Trinity UMC	Jun 01 – Jul 03
HS Career Proponent	Greater Austin Chamber of Commerce	Jan 01 – present
Assistant Scoutmaster/Eagle Scout	Boy Scouts of America	May 00 – Aug 01/Oct 84
President, VP Education, and Sergeant-at-Arms	Toastmasters	92 – 01
Executive Producer	Virtual Noise, Austin Community Television	Aug 88 – Oct 96
Project Director	Off-Campus Task Force, UT Students Association	Sep 87 – May 88
President	Off-Campus Students' Association	Sep 85 – Aug 87
Official	United States Cycling Federation	80 – 86

Volleyball | Canoeing | Mountain-biking | Camping | Backpacking | Music | Video | Photography

Mark Paul Allen Boyden

- Project Manager
- Technology Consultant
- Network Operations Professional

mark.boyden@noise.org
5900 Thames Drive
Austin, TX 78723-3233
(512) 926.8876

PROFESSIONAL SUMMARY

Project Manager, Technology Consultant, and Network and Security Professional with 12 years experience successfully implementing information technology projects in for- and non-profit enterprises. Proven capability of understanding an organization's unique business needs and applying appropriate technologies and processes to achieve strategic business objectives. Record of motivating 15-person teams, managing projects, and balancing tight deadlines, strict budgets, and increased scope.

Project Management

- Requirements Management
- Project Lifecycle Management
- Estimation and Budgeting
- Work Breakdown Structure
- Task Scheduling and Monitoring
- Quality Assurance

Technology Consulting

- IT Strategies
- Requirements Analysis
- Technology/Software Selection
- Risk Analysis
- Business Continuity
- Feasibility Assessment

Network/Security Operations Management

- Systems Analysis & Design
 - Network Operations & Budgeting
 - Performance Monitoring
 - Risk Assessment & Disaster Recovery
 - Intrusion Detection & Incident Handling
 - Application Development
-

PROFESSIONAL EXPERIENCE

Consultant

Athens Group, Inc. – Austin, TX Oct 99 – Apr 03

Streamlined on-line fundraising to increase revenue and reduce support costs for high-profile non-profit providing cancer research. As Project Manager, developed phased strategic technology roadmap and managed additional projects:

- Security vulnerability assessment, risk reduction, and ongoing management;
- Network infrastructure assessment addressing scalability, reliability and maintainability;
- Information and user-interface re-design of web site to increase consistency and ease of maintenance; and
- Enhancements to existing third-party web applications to improve usability, generate additional revenue, and reduce support.

Network Architect for Windows and Linux data center designed for scalability, reliability, and maintainability to support cellular office growth and ubiquitous, secured remote access for \$6.5M technology consulting firm. Led implementation and ongoing operations to maximize business continuity and minimize risk on a tight operational budget of \$250,000. Developed framework for business continuity and disaster recovery plan to minimize business risk.

Quality Assurance Lead for test and validation of n-tier web-based application to manage \$60B in retirement accounts. Resulted in successful deployment of error-free application.

- Developed and lead implementation of full life-cycle test plan.
- Development of test scripts, data and processes for application functionality and data migration/transformation.

Reduced information security risks for clients and company through vulnerability assessments, implementing perimeter security and intrusion detection systems, and providing on-going risk management, incident handling strategies and business continuity planning. Provided ubiquitous remote access to internal network and applications through multi-route secured technologies using IPSec VPNs, Certificate Authorities, WebDAV, SSH, SSL and related technologies.

Increased phone functionality by providing ubiquitous phone communication capabilities. Technical lead providing requirements management, product selection, implementation, ongoing configuration and maintenance of company PBX phone system (AltiGen).

eBusiness Strategist (Webmaster)

Fisher-Rosemount (Emerson) – Austin, TX Jul 94 – Sep 99

Strategic and technical lead to develop and implement enterprise-wide Internet strategy to provide customer-relationship management (CRM) for Fortune 125, multi-divisional (15+), high-tech manufacturing firm from grassroots startup through second-generation, LDAP-based, secured, interactive customer portal. Responsibilities included:

- Ongoing ROI justifications for investment provisioning.
- Functional specification development.
- Vendor selection and project management.
- Education and support of internal global strategy and implementation teams.
- Promotion, measurement and reporting.
- Hired and supervised additional web developer.
- Managed outsource budget up to \$250,000 annually.