

ENGINEER: ELECTRICAL

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Engineering Design & Testing Corp.

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EDUCATION:

1996 M.S., Electrical Engineering
Mississippi State University, Mississippi State, Mississippi

1990 B.S., Electrical Engineering
Mississippi State University, Mississippi State, Mississippi

EXPERIENCE:

November 2018 **Engineering Design & Testing Corp.**
to Present **Birmingham, Alabama**

Consulting Engineer. Consulting in the area of electrical engineering for residential commercial, and industrial systems, including cause and origin analysis of electrical system failures, electrical code compliance review, technical investigation of incidents involving industrial electrical power distribution systems and industrial control systems, project management, scope of damage, and analysis of costs to repair or replace electrical equipment and systems. Provide engineering consultation services in fire investigations.

September 2006 **AT&T**
to November 2018 **Birmingham, Alabama**

Area Manager – Internet and Entertainment Services. Manager of a team of analysts focused on providing an exceptional customer experience for DirecTV, IPTV, internet, and core services. Work included supervision and mentorship of subordinates, data analysis, process design, resource and budget management, and customer service analytics for internal and external clients.

September 2001 **BellSouth Corporation**
to September 2006 **Jackson, Mississippi**

Area Manager – Work Management Center. Led a team of management and non-management employees focused on customer

repair and installation fulfillment, technician resource management, and customer commitments for all product types. Additional responsibilities included customer trouble testing and resolution, troubleshooting and repair of pair-gain test systems, and monitoring and repair of pressurized cable systems.

June 1999
to September 2001

BellSouth Corporation
Tupelo, Mississippi

Area Manager – Outside Plant Engineering and Construction. Led a large team of management and non-management employees engaged in the design and construction of outside plant facilities, including scheduling, budgeting, performance management, managing the vendor/partner engineering company, and negotiating placement contracts. Responsibilities included planning and design reviews of construction projects, material ordering and management, construction of aerial, buried, and underground facilities, construction of fiber optic and digital loop carrier systems, and maintenance and repair of fiber optic and pressurized cable systems.

January 1998
to June 1999

BellSouth Corporation
Gulfport, Mississippi

Project Manager - Outside Plant Engineering and Construction. Managed the construction and engineering of all major programmed work for the Mississippi Gulf Coast area. Coordinated site acquisition, coordinated with DOT and other utilities, scheduled construction and engineering forces and prioritized work activities, ordered materials, coordinated work activities with customers, tracked cost estimates, performed quality reviews of engineering work prints.

June 1992
to January 1998

BellSouth Corporation
Jackson, Mississippi

Specialist - Transmission Engineering and Support. Provided engineering support and tier-II technical support for all aspects of the transport network. Responsibilities included fiber and copper transport system engineering; turnup, acceptance testing, and troubleshooting of fiber optic multiplexers, digital loop electronics, and network synchronization elements; vendor equipment testing and certification; and technician training program development and delivery.

CONTINUING EDUCATION:

International Fire, Arson & Explosion Investigation Training Program
National Association of Fire Investigators, March 2019, Seattle, Washington

Lightning in Three Acts
Engineering, Design, and Testing Corp, February 2019, Charlotte, North Carolina

Basics of Insulation Resistance Testing
Engineering, Design, and Testing Corp, February 2019, Charlotte, North Carolina

Human-Machine Interfaces
Engineering, Design, and Testing Corp, February 2019, Charlotte, North Carolina

Electrical Connection Failures
Engineering, Design, and Testing Corp, February 2019, Charlotte, North Carolina

AT&T Cybersecurity Gold Badge Program
Champlain College, August 2017 – December 2018, Birmingham, Alabama

Professionalism and Ethics
Louisiana Professional Engineering and Land Surveying Board
November 2018, Birmingham, Alabama

OSHA Permit-Required Confined Space Entry
eTraining Inc, October 2018, Birmingham, Alabama

Big Data Overview
AT&T, September 2018, Birmingham, Alabama

Internet of Things Overview
AT&T, June 2018, Birmingham, Alabama

Undersea Cables Overview
AT&T, August 2017, Birmingham, Alabama

Eaton/Bussmann Consulting Engineer Training
Eaton Corporation, May 2017, St. Louis, Missouri

Access Control Lists
AT&T, May 2017, Birmingham, Alabama

Network Environment Management

AT&T, May 2017, Birmingham, Alabama

EIGRP Implementation

AT&T, May 2017, Birmingham, Alabama

WAN Connections

AT&T, May 2017, Birmingham, Alabama

Wireless LANs

AT&T, May 2017, Birmingham, Alabama

Security and Access Control

AT&T, April 2016, Birmingham, Alabama

Overcoming Challenges Managing Experts

AT&T, March 2016, Birmingham, Alabama

Big Data: Reference Arch Breakdown

AT&T, September 2015, Birmingham, Alabama

Intro to DIRECTV Technology

AT&T, August 2015, Birmingham, Alabama

Application Programming Interfaces

AT&T, March 2015, Birmingham, Alabama

FCC Network Outage Reporting

AT&T, February 2013, Birmingham, Alabama

SONET Overview for Network Planning and Engineering

AT&T, October 2008, Birmingham, Alabama

ISDN Fundamentals

AT&T, April 2007, Birmingham, Alabama

LSU Executive Program

Louisiana State University, May 2002 – May 2005, Baton Rouge, Louisiana

*Marconi DISC*S NGDLC FITL Turn-Up*

BellSouth Corp, March 1996, Jackson, Mississippi

DDM-2000 OC-3 Multiplexer Ring Networks

BellSouth Corp, May 1996, Jackson, Mississippi

DDM-2000 OC-12 Multiplexer Ring Networks
BellSouth Corp, March 1994, Jackson, Mississippi

Fiber Network Survivability
BellSouth Corp, April 1993, Jackson, Mississippi

FT-2000 OC-48 Add/Drop Rings Terminal Operation
BellSouth Corp, April 1993, Jackson, Mississippi

Digital Carrier Maintenance
BellSouth Corp, April 1993, Jackson, Mississippi

PROFESSIONAL ORGANIZATIONS:

Institute of Electrical and Electronics Engineers (IEEE)
National Fire Protection Association (NFPA)
National Association of Fire Investigators (NAFI)
International Association of Arson Investigators (IAAI)

REGISTRATIONS and CERTIFICATIONS:

Registered Professional Engineer in Mississippi (#PE-14031)
Registered Professional Engineer in Alabama (#28590)
Registered Professional Engineer in Georgia (#PE043913)
Registered Professional Engineer in Arkansas (#18594)
Registered Professional Engineer in Louisiana (#PE.0043165)
Registered Professional Engineer in Tennessee (#122308)
Registered Professional Engineer in Florida (#86192)
Registered Professional Engineer in Texas (#133804)
Cisco Certified Network Associate (CCNA) (CSCO13209066)