

CANDIDATE

OBJECTIVE:

To obtain a full-time Electrical Engineering position in Power Electronics or Telecommunications

SUMMARY:

Team player and leader. Engineering professional with diversified background that encompasses Instrumentation and Controls, specification design, review and approval and construction site management. Demonstrated ability to maintain appropriate scope and focus within large, multi-vendor projects. Delivers high-quality work product on time and within budget.

- Communicates effectively with users and peers.
- Facilitates decision-making and creative solutions through team efforts.
- Plans, designs and documents engineering specifications to support project goals.
- Seeks to acquire new skills and grow professionally through certification and industry networking.
- Supports others through leadership, mentoring and community service.

EDUCATION:

THE PENNSYLVANIA STATE UNIVERSITY, University Park, PA
Bachelor of Science in Electrical Engineering

(2000)

PROFESSIONAL EXPERIENCE:

ELECTRICAL ENGINEER
Stone & Webster Engineering Inc., Cherry Hill, NJ
Instrumentation and Controls Division

(OCT 2001 – Present)

Responsibilities:

- Assisted in design and troubleshooting of Greystone combined-cycle power plant
- Updated company standard specifications for Electrical Heat Tracing, Motor Control Centers, Unit Substations and Low Voltage Switchgear
- Reviewed construction schematics and updated input/outputs point lists
- Wrote bid specification for Distributed Control System (DCS) for combined cycle power plant exhaust system
- Updated and redesigned equipment load list for power plant control systems

CoGenesis Technologies, LLC

CANDIDATE

- Prepared vendor bid evaluation and recommendation for Uninterruptible Power System (UPS)
- Wrote bid specification for Distribution Switchboard

OUTSIDE PLANT ENGINEER

(JAN 2001 – SEP 2001)

Adesta Communications Inc., Wayne, PA

Responsibilities:

- Engineered fiber optic cable routes for MCI WorldCom projects
- Assisted CAD operators with construction print revisions
- Edited and submitted applications for right-of-way permits through local municipalities
- Supervised and inspected fiber optic cable construction on-site
- Facilitated safety meetings and presentations
- Produced comprehensive completion turnover packages

ELECTRICAL ENGINEERING STOCKROOM ATTENDANT

(JAN 1998 - DEC 2000)

The Pennsylvania State University, University Park, PA

Responsibilities:

- Repaired and distributed equipment for Electrical Engineering laboratories
- Assisted students with design and implementation of digital and analog circuits for laboratory classes

TECHNOLOGY & LANGUAGE SKILLS:

- Programming Experience: Assembly, C++, HTML, JavaScript
- Software Experience: Spice, Microsoft Office, Logicworks, Matlab
- Familiar with Spanish

LEADERSHIP & COMMUNITY SERVICE:

Current:

- Volunteer – Big Brother/Big Sister of Philadelphia
- Member – Alpha Phi Alpha Fraternity Inc., Rho Chapter
- Alumni Member – National Society of Black Engineers (NSBE)
- Member – Penn State Alumni Association

Past:

- Vice President – Alpha Phi Alpha Fraternity Inc., Gamma Nu Chapter (1998-2000)