
ASSISTANT ENGINEER RESUME

Summary:

A highly experience individual with over 5 years of efficient work experience in building analysis, simulation modeling, design and verification, and cost analysis; capable of conceptualizing channel incentive programs; has a combined practical field experience and engineering fundamentals; has worked on a wide range of projects which included residential and commercial buildings and public facilities.

Professional Experience:

Associate Mechanical Engineer, March 2007-Present
Wiley & Sons Machinery, Denver, CO

Responsibilities:

- Collected and analyzed data and carried out calculations for the preparation of diagrams.
- Organized and supervised the operations and maintenance of plant and equipment.
- Performed field and laboratory testing and analysis of results.
- Estimates material cost of repairs of machinery requirements.
- Produced detailed drawings and documentations.
- Checked that the finalized designs and finished work comply with the specifications and regulations

Associate Engineer, April 2005 – February 2007
Grimm Brothers Inc. Birmingham AL

Responsibilities:

- Developed fieldwork analysis to assist in collection of installed energy system equipment information of the plant.
- Developed computer simulations of detailed audits of existing facilities using DOE based programs.
- Assisted in load calculations and Compiled detailed energy reports describing the existing and updated proposal for new facilities, lighting systems, boiler plants and all recommended system upgrades.
- Performed field surveys to compare as-built drawings with installed equipment.

Associate Engineer, January 2003 – April 2005
Campbell Engineering, Birmingham AL

Responsibilities:

- Collected and analyzed data and carried out calculations for the preparation of diagrams.
- Organized and supervised the operations and maintenance of plant and equipment.
- Performed field and laboratory testing and analysis of results.
- Estimates material cost of repairs of machinery requirements.
- Produced detailed drawings and documentations.
- Checked that the finalized designs and finished work comply with the specifications and regulations

Associate Engineer, April 2005 – February 2007
Grimm Brothers Inc. Birmingham AL

Education:

2000 – 2002 M.S. Mechanical Engineering
University of Minnesota, MN
1998 Registered Professional Engineer
1993 – 1998 B.S. Mechanical Engineering
University of Minnesota, MN

Skills/Certifications:

- Proficiency in database software (Oracle, SAP)
- Proficiency in Mac and PC operating systems
- Proficiency in MS Office (Word, Excel, Outlook, PowerPoint) applications (Win 98, 2000, XP, Vista, Windows version 7)
- Proficiency in technology computing
- Excellent oral and written English communication and Spanish skills
- College of Engineering Outstanding Contributor, 2003
- College of Engineering Researcher of the Year, 2002

- Best Paper Award, Pacific Southwest Regional ASEE Conference, March 2004

Associations/Organizations:

American Society of Mechanical Engineers, Member

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