
WATER RESOURCE ENGINEER RESUME

Summary:

An outstanding engineering expert who has skills focused on the collection and management of water as a natural resource and part of the environment; has a good grasp of environmental science, meteorology, hydrology, geology, conservation, and resource management; has dealt with the prediction and management of both the quality and the quantity of water in both underground and above ground resources; has knowledge in conducting analysis and model of very small to very large areas of the earth to detect the amount and content of water as it flows into, through, or out of a facility; has knowledge in the flow and conveyance of fluids, particularly water; has also good knowledge base for pipelines, water distribution systems, drainage facilities

Professional Experience:

Capital Program Engineer January 2007 – Present
US ARMY, Lansing, Albany, NY

Responsibilities:

- Monitored the construction of projects and the budget flow for the regulated utilities of the water company.
- Organized internal and external resources towards the completion of designated capital programs while collaborating closely with and balancing the requirements of the other departments.
- Prepared, monitored and reported on project schedules and budgets and implemented adaptive actions as required.
- Maintained quality control and inspection activities on assigned projects and implements corrective actions when required.
- Prepared and presented to management periodic reports on progress of assigned capital projects.
- Ensured that legal, regulatory and company requirements and commitments are met with respect to assigned capital projects.
- Resolved concerns with vendors and/or contractors regarding commencement, execution and completion of construction projects.

Entry Level Water Resource Engineer May 2004 – December 2006
The McKean Defense Group, Albany, NY

Responsibilities:

- Participated as a team member to support daily and special assignments related to environmental projects.
- Organized research and observations related to watershed management studies and supported watershed resources field analysis.
- Compiled and computed a variety of data information and assisted in cataloging and managing databases.
- Analyzed watershed and water quality data using and statistical techniques and supported watershed and water quality model setup.
- Created and collated descriptive presentation charts, graphs and figures and drafted engineering calculations for facility design.
- Perform engineering calculations for facility design and cost-benefit analysis.
- Prepared computer programming scripts and performed writing assignments to contribute to project documentation.

GIS Analyst/Water Resources February 1999 – May 2004
Advancia, Albany, NY

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Entry Level Water Resource Engineer May 2004 – December 2006
The McKean Defense Group, Albany, NY

Education:

Masters Degree in Civil Engineering, University of Iowa, 1999
Bachelors Degree in Civil Engineering, Rockefeller University, 1994

Skills:

- Knowledge in mathematics, science, and engineering
 - Knowledge in design execution of experiments, and data analysis and interpretation
 - Knowledge in the design of systems, components, or processes to meet desired needs
 - Proficient in computer skills
 - Excellent communication skills
 - Skills in operating modern engineering tools necessary for engineering practices
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Awards and Affiliations:

American Society of Civil Engineers, Member
The Institution of Civil Engineering Surveyors, Member
International Federation of Consulting Engineers, Member

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