



**Position:** Mechanical Engineer for Aquatics Designer  
**Department:** Design and Construction Engineering  
**Reports to:** Manager of Design and Construction Engineering  
**Post Date:** 08/15/2022

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## About the Company

ADG is one of the world's most respected water park and aquatic venue design, construction, and manufacturing firms in the industry offering a comprehensive range of products and services that continue to set the standard throughout our industry. Our commitment to innovation, creativity, and high-quality work is reflected in everything we do, whether that's manufacturing a single component for a wave system or building a complete 20-acre waterpark.

As part of our team, you will have the opportunity to be a part of some of the most dynamic and creative projects taking place in the industry today. While ADG's headquarters is located in Upstate New York, our projects span the globe. And our client list features the best of the best, including Sea World, Six Flags, Wet n' Wild, Dollywood, Marriott, Hyatt, Gaylord Resorts, Hollywood movie productions, and much, much, more.

ADG is a high energy work environment with fast paced deadlines. You are right for our team if you are a proactive problem solver with attention to detail, able to maneuver multiple projects at once and can easily handle multiple and often shifting priorities and get great satisfaction on a job well done!

## About the Role

As an Aquatic Designer, you will report to the Manager of Design and Construction Engineering and design, engineer, and detail various pool pumping and piping systems. Additionally you will also be cross trained in various other aquatic design aspects in order to deliver complete project designs.

## Key Responsibilities

- Pool and water feature design and detailing. Training will be provided.
- Develop and maintain construction documents from conceptual renderings to support the construction and equipment divisions of ADG.
- Coordinate design needs with outside consultants and project team members through all project phases.

- Coordinate project permitting needs with local and state agencies.
- Provide support to ADG's construction team through commissioning of projects.

### Qualified candidates should offer the following experiences and skills

- Minimum 3 years – no specific waterpark experience required
  - o Knowledge of piping and pumping systems with utility coordination a plus
  - o Must have AutoCAD drafting skills
  - o 3D modeling including Revit, SketchUp, Solidworks or Civil 3D a plus
- Bachelor of Arts or Sciences in Architecture, Landscape Architecture, Civil or Mechanical Engineering.
- Applicant must be a self-starter with the ability to work independently; flexibility to work as a team member across all departments as well with outside project teams.
- Ability to develop and maintain effective internal and external working relationships at all levels.
- Excellent time management, organization and priority defining skills, with exceptional ability to listen, communicate (written and oral) and strong willingness to collaborate.
- This is an on-site position that will be based in our headquarters in Cohoes, NY.
- MUST BE already legally eligible to work in the US

### Why ADG?

Our team members are hardworking, dedicated and highly respected within the industries that we serve. Our reputation has been built on delivering creative and innovative solutions with a “whatever it takes” approach to client satisfaction. The foundation of our success has been built upon the talents and integrity of our employees, and we value the contributions of every team member.

As you help build ADG's success, we are committed to helping you build a prosperous and successful future. We offer challenging career opportunities, competitive salaries, and a comprehensive suite of benefits to promote the health and financial security for you and your family.

Every ADG employee is empowered to act in ways that make each day better, whether that's lending a hand to a colleague or bringing forward a new client solution or process improvement. Individually and collectively, our work achieves results that make a difference — for our clients, our client's customers, and ourselves.

## Benefits

- Generous Paid Time Off
- Company Paid Holidays
- Comprehensive health care insurance plan that covers medical, dental, prescription, and vision.
- Competitive 401(k) program with employer matching contributions
- Daily “business casual” dress code
- A positive work environment
- And much, much more

If interested in applying for this position, please submit resume & cover letter to: [jobs@aquaticgroup.com](mailto:jobs@aquaticgroup.com).