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Gear Design Engineer

American Axle & Manufacturing-AAM

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Detroit, MI, USA

Full-Time

Depends on Experience ⓘ

Senior Level

Masters

Job Description

American Axle & Manufacturing-AAM is seeking an experienced and creative Gear Design Engineer to join our team. The Gear Design Engineer will play a key role in the design and development process, working collaboratively with other departments to ensure the delivery of top-quality automotive components. The successful candidate will have a solid background in gear design and manufacturing, as well as experience in CAD and other design software. They will also need to demonstrate strong organizational and communication skills with the ability to work in a fast-paced environment. If you have the drive and ambition to help drive the success of AAM, we want to hear from you!

Responsibilities:

1. Design and develop gears and other automotive components that meet quality standards.
2. Utilize CAD and other design software to create accurate and detailed designs.

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3. Collaborate with other departments to ensure the successful completion of
4. Ensure all components meet customer and industry standards.
5. Monitor production processes to identify potential issues and suggest improvements.
6. Analyze customer feedback and propose solutions.
7. Review and test prototypes to evaluate performance and reliability.
8. Maintain up-to-date records of design and manufacturing processes.
9. Prepare technical documentation for projects and related activities.
10. Stay abreast of industry trends and best practices.

Where is this job?

This job is located at Detroit, MI, USA

Job Qualifications

- ✓ Bachelor's Degree In Mechanical Or Electrical Engineering
- ✓ Knowledge Of Mechanical Design Principles
- ✓ Ability To Use D Cad Software Such As Solidworks
- ✓ Proven Experience In Gear And Axle Design
- ✓ Experience With Manufacturing Processes Like Casting
- ✓ Forging And Machining
- ✓ Familiarity With Cad/Cam Software And Fea Analysis

✓ Analytical And Problem-Solving Skills



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✓ Excellent Communication And Interpersonal Skills.

Required Skills

- ✓ Testing
- ✓ Manufacturing Processes
- ✓ Product Design
- ✓ GD&T
- ✓ CAD
- ✓ Failure Analysis
- ✓ Tolerance Analysis
- ✓ Stress Analysis
- ✓ FEA
- ✓ Collaboration
- ✓ CAM
- ✓ Problem-Solving
- ✓ D Modeling
- ✓ Gear Design
- ✓ Tool Design

Soft Skills

- ✓ Communication
- ✓ Leadership
- ✓ Time Management
- ✓ Interpersonal Skills
- ✓ Creativity
- ✓ Flexibility
- ✓ Critical Thinking

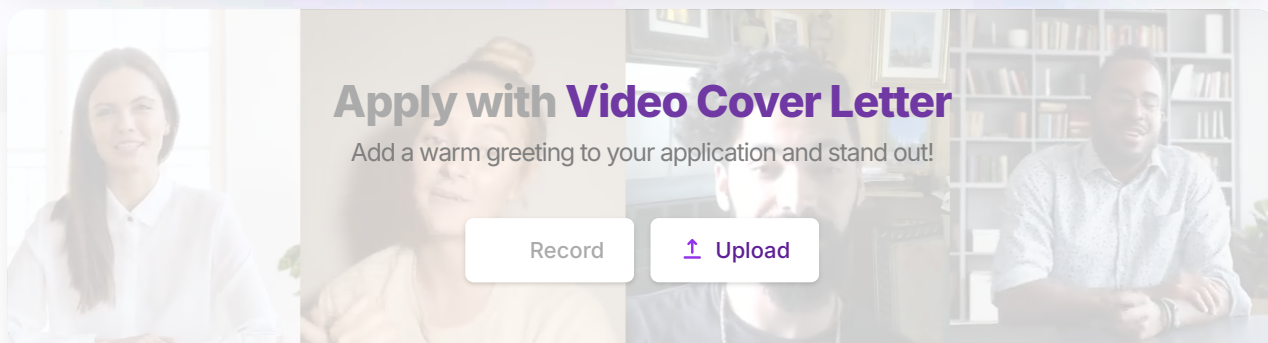
 Teamwork Problem-Solving

Compensation

According to JobzMall, the average salary range for a Gear Design Engineer in Detroit, MI, USA is \$61,000 to \$83,000 per year. This range is based on the salaries reported by people with this job title in Detroit, MI, USA. Salaries can vary depending on a variety of factors, such as the size of the company, industry, and experience level.

Additional Information

American Axle & Manufacturing-AAM is an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. We do not discriminate based upon race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as an individual with a disability, or other applicable legally protected characteristics.

 Required Languages English Job Posted August 15th, 2023 Apply Before February 28th, 2025 This job posting is from a verified source. [Learn more](#) Reposted[See an issue with this job? Report it to us →](#)

About American Axle & Manufacturing-AAM



American Axle & Manufacturing, Inc. is an American manufacturer of automobile driveline and drivetrain components and systems. AAM delivers POWER that moves the world. As a leading global Tier 1 Automotive and Mobility Supplier, AAM (NYSE: AXL) designs, engineers and manufactures Driveline and Metal Forming technologies to support electric, hybrid and internal combustion vehicles. Headquartered in Detroit with over 80 facilities in 18 countries, AAM is bringing the future faster for a safer and more sustainable tomorrow.

Frequently asked questions

What benefits do AAM employees receive?



What is the minimum educational requirement for AAM jobs?



Does AAM offer any internships or apprenticeships?



How long is the interview process at AAM?



Are there any special qualifications required for AAM jobs?



Does AAM provide on-the-job training?



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Process Engineer - Forging

American Axle & Manufacturing-AAM

Fort Wayne, IN 2 Months Ago

Full-Time



CNC Setup Technician

American Axle & Manufacturing-AAM

Fort Wayne, IN 2 Months Ago

Full-Time



Process Engineer - Machining

American Axle & Manufacturing-AAM

Fort Wayne, IN 2 Months Ago

Full-Time





operator

American Axle & Manufacturing-AAM

Fort Wayne, IN 2 Months Ago

Full-Time



Material Handler

American Axle & Manufacturing-AAM

Fort Wayne, IN 2 Months Ago

Full-Time

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