



# AMELIA MOORE

## Mechanical Design Engineer

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📍 Los Angeles  
🌐 www.qwikresume.com

### PROFESSIONAL SUMMARY

Dedicated Mechanical Design Engineer with 10 years of experience in the design and development of innovative mechanical systems and components. Proficient in CAD software and skilled in cross-functional collaboration to enhance product quality and efficiency. Proven ability to deliver projects on time and within budget while adhering to industry standards and best practices.

### WORK EXPERIENCE

#### Mechanical Design Engineer

Seaside Innovations

📅 May / 2018-Ongoing  
📍 Santa Monica, CA

1. Managed all phases of the design process for various mechanical products, including drafting, dimensioning, and tolerance analysis.
2. Executed detailed engineering designs involving plastics, metals, and composites for diverse applications.
3. Collaborated with electrical, marketing, and manufacturing teams to innovate new product designs.
4. Conducted competitive product analysis to optimize manufacturing and testing processes.
5. Developed product testing protocols adhering to IEC 60601 standards for medical equipment.
6. Reviewed documentation packages and test reports to ensure product performance and compliance.
7. Led the end-to-end product design and development of medical lab equipment, focusing on user-centered design concepts.

#### Design Engineer

Lakeside Apparel Co

📅 May / 2015-May / 2018  
📍 Chicago, IL

1. Designed and revised products and components, ensuring alignment with project management timelines.
2. Coordinated with industrial design, electronic hardware, and testing teams to facilitate integrated product development.
3. Collaborated with stress analysts to create and procure test fixtures for rigorous testing protocols.
4. Engaged with manufacturing teams to optimize assembly processes and improve product reliability.
5. Produced comprehensive production and assembly drawings with accurate geometric tolerances.
6. Performed finite element analysis to verify structural integrity of mechanical components.

### EDUCATION

#### Bachelor of Science in Mechanical Engineering

University of Michigan

📅 May / 2012 - May / 2015  
📍 Denver, CO

Focused on mechanical design principles, thermodynamics, and fluid mechanics.

### SKILLS

3d Cad Modeling



Technical Drawing



Mechanical Drafting



Sheet Metal Fabrication



Material Selection And Analysis



Data Analysis And Reporting



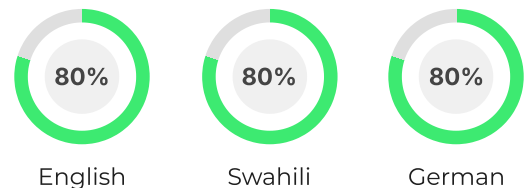
### INTERESTS

- 🎧 Podcasts
- 🗣️ Language Learning
- 🎵 Dancing
- 🚴 Cycling

### STRENGTHS

- 🔧 Intuition
- 👥 Leadership
- 🎧 Listening
- 👤 Mentorship

### LANGUAGES



### ACHIEVEMENTS

- 🌟 Led a cross-functional team to design a medical device, resulting in a 30% reduction in manufacturing costs.
- 🌟 Developed a new product line that increased company revenue by 25% within the first year.