



PRODUCT DEVELOPMENT ENGINEER

SawStop, the world leader in power tool safety, is looking for driven, passionate engineers to join our growing engineering team. Our engineers develop world class products that improve the lives of hundreds of thousands of users by preventing devastating and life-changing table saw injuries.

Experience this incredible innovation firsthand by joining our dedicated team of highly talented engineers. We offer a fun, fast-paced environment that supports practical innovation – creating new products that are meaningful for our customers. You'll be able to immediately make meaningful contributions to our next generation of products.

Teamwork and collaborative discussions are second nature to us at SawStop, and we thrive working side-by-side with subject matter experts on safety system designs, electrical motor controls, and other new concepts for improved systems and completely different tools.

Join our team and make a difference in the success of SawStop and the lives of thousands of users.

PRIMARY FUNCTION

As a member of a New Product Development Team, you will be responsible for using engineering principles and knowledge to develop mechanical component and system solutions to solve low to medium complexity problems throughout the entire product development cycle. This process includes concept generation, prototyping, design verification, design for manufacturing & assembly, production trials, and product qualification.

You will work closely with cross functional team members, complete tasks on time, execute qualification test plans, and communicate results to the project leads. Regular direction and task definition are provided by senior engineers and your direct supervisor.

DUTIES & RESPONSIBILITIES

- Create mechanical design solutions to meet product functions that follow best practice DFM (design for manufacturing) and DFA (design for assembly) principles
- Conduct analysis of new design solutions to validate capability and functionality
- Provide direction to shop associates for fabrication of mock-up and rapid prototype models
- Perform hands-on evaluation and testing of prototype components and systems
- Create 3D CAD models and detailed drawings for components/assemblies within SolidWorks
- Clearly communicate design concepts, changes, and testing results to internal and external team members and stakeholders
- Support assignment of part numbers, creation of bill of materials, and other component/assembly parameters for entry and use in engineering documentation and business systems
- Some international travel is required.



REQUIRED QUALIFICATIONS

- Bachelor's degree in Mechanical Engineering or similar
- 3D CAD software experience (SolidWorks preferred)
- Proficiency with Microsoft Office tools (PowerPoint, Excel, Word, Outlook)
- Ability to communicate and collaborate across functional groups and diverse audiences, while working in a dynamic team and project focused environment
- Hands on practical skills – ability to use basic shop tools, equipment, and measurement tools to build and test mockups and prototypes

PREFERRED QUALIFICATIONS

- 2 years' demonstrated experience in component design utilizing engineering fundamentals and manufacturing best practices
- Familiarity with a variety of manufacturing processes and materials, for example injection molded plastic, sheetmetal stamping, die cast aluminum, cast iron, and machining
- Experience performing geometric dimensioning and tolerance stack up analysis
- Prototyping and machine tool operation experience (milling machine, lathe, drill press, welding)



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COMPANY PROFILE

SawStop is the world leader in power tool safety.

Headquartered in Tualatin, Oregon we design, engineer, and manufacture innovative power tools and accessories for the commercial and hobbyist woodworking markets. All SawStop power tools feature our patented safety technology that has saved tens of thousands of users from devastating, life-changing table saw injuries.

Our commitment to quality, innovation and safety over the past 20 years has made us the best in the industry. And our future looks just as bright as we accelerate our investments in new advancements in woodworking safety and performance. Redoubling our focus on product innovation and best-in-class quality to expand our product line and reach new markets means that we are growing fast and looking to expand and strengthen our dynamic team.

Learn more about why SawStop is a great place to work.

Benefits

Our Team Members are what make SawStop special. That's why we're committed to taking care of our team through a comprehensive benefits program.

- Employee-Centered Medical Plan – 95% paid for the employee and eligible dependents
- Available Health Savings Plan
- 100% Paid Dental
- 100% Paid Vision
- Hybrid Work Schedule
- Basic Life and AD&D Insurance
- Short Term and Long-Term Disability Insurance
- Employee Assistance Program for Mental Health Services
- 401k Retirement Plans with Company Match
- Paid Time Off and Holidays
- Tutoring Support for Team Member's Kids (Grades K-12)
- Competitive Compensation Package
- Opportunities for Professional Development

Please include cover letter and updated resume when applying.