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Advanced Product Engineer

Patagonia • Ventura, CA, US

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Job Title: Advanced Product Engineer**Reports To:** Director – Lost Arrow Project**Location:** Ventura, CA

General Summary

The Lost Arrow Project is a subsidiary of Patagonia Works that is solely focused on government contracting line of business. We build special-purpose clothing and gear for extreme environments, developed specific to the requirements of the government user, and for compliancy in government contracting. The Advanced Product Engineer will be the technical lead for product development through ideation to manufacturing.

Essential Job Functions

- Partner with Innovation Designer on New Product Introduction and concept explorations.
- Produce and manage all specification details through exploration, design, and development processes.
- Produce and manage all CAD and digital engineering through exploration, design, and development processes.
- Develop and manage LAP fit block strategy and library.
- Tight collaboration with manufacturing partner through product exploration, pre-production, and ongoing manufacturing.
- Serve as the LAP team's super-user for 3D design and digital prototyping and merchandising.
- With a focus on automation for the LAP line of business; maintain a library of automated operations developed with our manufacturing partner, and identify new operations that can be engineered during product design and development work.
- Partner with the Contract Production Specialists during pre-production planning, and supporting with problem resolution during manufacturing.
- Participate in developing a rapid and well organized new product project workflow to support the non-seasonal, government contracting line of business.

Physical Requirements

- Must be able to sit for extended periods of time.
- Must be able to stand for extended periods of time.
- Ability to look at a computer screen for extended periods of time.
- Ability to maintain a composed and professional demeanor within a flexible and (at times noisy) work environment.
- Must be able to travel internationally and domestically utilizing various transportation methods.

Minimum Job Qualifications

- College degree in patternmaking or equivalent in industry experience.
- 7 years' experience in pattern making and grading.
- Comprehensive knowledge of apparel fit standards and industry best practices.
- Strong software use skills including in-depth knowledge of Optitex or equivalent pattern grading software as well as Microsoft Office applications (Excel and Outlook), and aptitude to quickly learn new tools.
- Extreme attention to detail and accuracy

Seniority Level

Entry level

Industry

Retail , Sporting Goods ,
Consumer Goods

Employment Type

Full-time

Job Functions

Engineering ,
Information Technology[Set alert for similar jobs](#)

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