



## **LEXTANT IS LOOKING FOR A SENIOR HUMAN-CENTERED DESIGN ASSOCIATE.**

ARE YOU SERIOUSLY CURIOUS? Passionate about people and design? Let's talk.

### **LEXTANT**

Lextant is a Design Research and User Experience Design firm working with the world's leading companies to bring meaningful products and services to market. At Lextant, we believe that great design is about creating great experiences, and the best innovations are those inspired by the people who use them. Lextant works in automotive, consumer packaged goods, retail, financial services, medical products and services and various other industries trying to create good and meaningful experiences for people.

### **DUTIES:**

The Senior Human-Centered Design Associate works at Lextant's Columbus, Ohio office and leads and guides an interdisciplinary team in usability/human factors research and analysis on client projects, using human-centered, participatory and other research methods to identify unmet user needs and help clients create products and services to better meet those needs. This individual meets with clients to understand their product/service development desires and aligns them with research objectives. The Senior Human-Centered Design Associate designs research studies to answer specific development questions related to end users, including research methodology and specific requirements for data collection and applies human factors knowledge to ensure research methods are appropriate across different stages of the product/service development cycle.

This position leads and conducts user-centered research to explore and understand behavior. This includes rapid iterative user research; formative and summative usability; concept evaluations; generative research; large scale surveys; statics and dynamic vehicle testing; expert heuristic evaluations; usability tests to identify user needs and provide informed recommendations; field observations; and accessibility audits and reviews. The person in this job analyzes both qualitative and quantitative data sets, applying knowledge of interaction architecture, Human-Computer Interaction and interactive design, user-experience and usability principles, human factors/ergonomics and advanced statistics, modeling and simulation. Create reports that effectively communicate research findings to a range of client stakeholders. Presents to and consults with clients across multiple functions and levels. Evaluates and tests concepts and products and makes design recommendations early in the design process. And works closely with clients to ensure their vision and marketing strategies are delivered to end users in the form of the end product/service.

The Senior Human-Centered Design Associate stays up-to-date and facilitates team and client awareness and discussions about the automotive industry on topics such as autonomous vehicles, motorcycles, human machine interfaces and Advanced Driver Assistance Systems (ADAS). This individual creates and presents Lextant's points-of-view and research at industry and professional conferences.

**REQUIREMENTS:**

Master of Science degree in Human Factors Engineering, Industrial Engineering, or a closely related field, with graduate coursework covering human-factors design guidelines for industrial products and workplaces; user-research methods; product design; human-factors and design guidelines for system design; usability testing; qualitative data analysis; statistics (including designing experiments, analysis of variance techniques, simultaneous confidence intervals); mathematical modeling; simulation techniques; and mechanical engineering principles.

Must have 24 months of employment experience (gained before, during, or after the MS degree) with product design research, evaluation, and/or quality assurance.

Must have completed academic or work projects applying user experience principles to the evaluation and design components and processes over the full product lifecycle, including human factors consultation and usability support and testing, using data to provide design recommendations early in the concept generation phase, creating usability test plans and usability design requirement documents early in the design process, making design changes heuristic evaluations and informal usability testing to the existing functionality, and using qualitative and quantitative data analysis techniques, concept testing, and task analysis. Must have demonstrated ability to collaborate with work colleagues in the design research process, present findings in a business setting, and educate others on user-experience best practices.

For consideration, please submit resume to [hr@lextant.com](mailto:hr@lextant.com) (no calls, please).