# Amelia Short

## **Product Designer - CHI 2025 Best Paper Award Winner**

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Product Designer bridging the future of human-AI interaction with proven zero-to-one execution. I led the design of Atlas Search's first public-facing playground, shipping a foundational developer experience that democratized access to MongoDB's search capabilities. Currently on the MongoDB documentation team, I'm pioneering research into how AI is fundamentally reshaping user expectations and leading the design strategy for dual-audience experiences that serve both human developers and LLM consumers.

I combine rigorous user research with rapid experimentation to validate new paradigms, translating ambiguous problem spaces into elegant, scalable design systems. Whether building net-new experiences or reimagining foundational products for the AI era, I focus on creating designs that deliver measurable impact while advancing how we think about interface design itself.

### PROFESSIONAL EXPERIENCE

MongoDB — Product Designer (JULY 2022 - PRESENT)

- Designed a dynamic code playground interface tailored for developers to seamlessly test and refine MongoDB Atlas Search queries, prioritizing user experience and functionality to enhance productivity and query refinement
- Directed the redesign of components to improve structure and clarity, optimizing content for large language model ingestion and retrieval accuracy
- Conducted contextual inquiries, interviews, and led a workshop at an industry conference as part of a multi-phase research initiative on a single user problem, aligning cross-functional teams around key initiatives

MongoDB — Product Design Intern (JUNE 2021 - AUGUST 2021)

- Led design for allowing users to log into their MongoDB Cloud account with GitHub credentials and ensuring parity with existing SSO providers
- Engaged in cross-team collaboration to create account authentication for CLI users

Solers-Peraton — Software Engineer (JANUARY 2019 - DECEMBER 2019)

- Developed system components for a large federal defense contract in Java and JavaScript
- Built a system to retrieve, store, and display data in an interactive dashboard

#### **EDUCATION**

University of Maryland, College Park MSc — Human-Computer Interaction (2020-2022)

University of Maryland, College Park BS — Information Science, Data Science Concentration (2014-2018)

### **PUBLICATIONS**

Short, Amelia, et al. "Tracking and its potential for older adults with memory concerns." *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, 25 Apr. 2025, pp. 1–15, <a href="https://doi.org/10.1145/3706598.3714093">https://doi.org/10.1145/3706598.3714093</a>. (Best Paper Award)