

# Alexander Boltz

## Education

University of Washington 2022 - 2024

M.S. Human-Centered Design & Engineering (HCDE) - Conc. in UX Research.

University of Texas at Austin 2018 - 2022

B.A. Sociology & Government, Minor: Information.

## Employment

UX Research Intern - Amazon (AWS) Jun - Sep 2023

- Defined, designed, and executed 2 comprehensive, remote usability studies with 12 external security customer to evaluate upcoming features with rapid iterative prototype testing.
- Identified and defined 20+ actionable insights to align product, design, and research stakeholders across 7 AWS security products.
- Influenced 6+ senior cross-functional stakeholders with research-informed findings to alter feature launch strategy.

Quantitative UX Research Intern - Code and Theory Sep - Dec 2023

- Conducted Python data scraping and AI NLP analysis projects, analyzing qualitative survey, transcript, and e-commerce review data.
- Contributed to 7 user research studies - usability tests, A/B tests, card sorting, tree testing, surveys, & stakeholder interviews - for clients including Citadel Securities, BET, JBL, Yeti, MetLife, and Under Armour.
- Developed 20+ Tableau visualizations, interactive tools, and dashboards, elevating client-facing presentations with clear, data-driven insights.

Data Science Intern - Code and Theory Jan 2024 -

Designed ML models to predict customer purchasing behavior, customer lifetime value, customer segmentation, and recommendation systems.

Social Science Research Assoc. II - University of Texas 2021 - 2023

Authored and published 5 qualitative & quantitative HCI studies, primarily related to AI fairness & human-centered design.

## Publications

- Zhang, A., **Boltz, A.**, Wang, C. W., & Lee, MK. (2022). Algorithmic management reimagined for workers and by workers: Centering worker well-being in gig work. Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems.
- Jia, C., **Boltz, A.**, Zhang, A., Chen, A., & Lee, MK. (2022). Understanding Effects of Algorithmic vs. Community Label on Perceived Accuracy of Hyper-partisan Misinformation. Proceedings of the 2022 ACM Conference on Computer Supported Cooperative Work (CSCW).
- Zhang, A., **Boltz, A.**, Lynn, J., Wang, C. W., & Lee, MK. (2023). Stakeholder-Centered AI Design: Co-Designing Worker Tools with Gig Workers through Data Probes. Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems.
- Liu, H., Das, A., **Boltz, A.**, Zhou, D., Pinaroc, D., Lease, M., & Lee, MK. (2024). Human-centered NLP Fact-checking: Co-Designing with Fact-checkers using Matchmaking for AI. Proceedings of the 2024 ACM Conference on Computer Supported Cooperative Work (CSCW).
- Zhang, A., Rana, R., **Boltz, A.**, Dubal, V., & Lee, MK. (2024). Data Probes as Boundary Objects for Technology Policy Design: Demystifying Technology for Policymakers and Aligning Stakeholder Objectives in Rideshare Gig Work. 2024 CHI Conference on Human Factors in Computing Systems.

## Contact

### Location

Seattle, Washington

### Email

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### LinkedIn

[linkedin.com/in/alexboltz](https://www.linkedin.com/in/alexboltz)

### Portfolio

[alexboltz.com](https://alexboltz.com)

## Profile

I'm a UX researcher specializing in qualitative and quantitative research to craft rich user experiences. I'm dedicated to enabling users with strategic big data insights to empower informed decision-making.

## Skills

### UX Research

Usability testing, in-depth interviews, focus groups, card sort, stakeholder interviews, unmoderated testing, tree testing, A/B testing, survey design, Qualtrics, UserTesting, UserZoom.

### Data Science

Python (Pandas, NumPy, Scikit-learn, Jupyter, PyTorch), Tableau, R, data visualization, predictive modelling.