Tae Jones

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SUMMARY

- UX and Health HCI researcher completing a PhD focused on user-centered, evidence-based digital health solutions for mental health and behavior change.
- Experienced in qualitative and mixed-methods research, usability testing, and turning insights into actionable design strategies.
- Passionate about creating digital tools that empower users to improve well-being and support personalized healthcare experiences.
- Brings prior industry experience with SQL and a strong ability to refresh and learn technical tools quickly.

EDUCATION

University Of Washington | Seattle, WA | 2026
Ph.D. Computer Science & Engineering
M.S. Computer Science & Engineering | 2024

Kennesaw State University | Kennesaw, GA | 2021
M.S. Healthcare Management & Informatics
B.B.A. Information Systems | 2015
Minor: Applied Statistics

PROFESSIONAL EXPERIENCE

Graduate Researcher, University of Washington | Seattle, WA
May 2021- Current

Health HCI & Digital Health Projects:
University of Washington / Fred Hutchinson Cancer Center / Kaiser Permanente Washington / UW School of Nursing

- Designed, developed, and evaluated digital health platforms using human-centered design principles, including the UW Scope platform for collaborative care in cancer and depression.
- Led qualitative and mixed-methods research, conducting design and usability interviews with patients, clinicians, and stakeholders to inform platform improvements and enhance patient engagement.
- Conducted research for a personalized migraine self-tracking app, integrating user insights to support behavioral change, improve adherence, and align data collection with patient and provider goals.
- Evaluated a home blood pressure monitoring program, applying data analysis and usability testing to optimize implementation and patient experience.
- Analyzed patient feedback for a self-management intervention for IBS and depression, facilitating co-design sessions to improve intervention design, personalization, and usability.
- Translated research findings into evidence-based, user-centered solutions that enhance digital health experiences, accessibility, and care outcomes.

TL1 Trainee, Institute of Translational Health Sciences (ITHS) | Seattle, WA
Jun 2023 – May 2024

- Completed the ITHS TL1 Translational Research Training Program, gaining mentorship, Team Science skills, and interdisciplinary research experience to support high-impact translational research projects.

Graduate Research Assistant, BrainLab at Kennesaw State University | Kennesaw, GA
Sep 2019 – Jul 2021

- Managed a research data library at BrainLab, creating a structured framework for efficient data entry, retrieval, and accessibility.

- Conducted data cleaning, statistical analysis, and visualization, delivering actionable insights for multiple studies.
- Presented complex experimental results to researchers, stakeholders, and peers, translating findings into clear, strategic recommendations.
- Leveraged EEG and Tobii eye-tracking to analyze consumer cognitive and visual responses, informing user engagement and brand perception.

Data Analyst, JDC Group contracted to The Coca-Cola Company | Atlanta, GA
Sep 2018 – Mar 2020

- Defined and implemented client-specific data standards, ensuring consistency, accuracy, and compliance across multiple projects.
- Developed and executed SQL scripts to clean, consolidate, and optimize datasets, significantly improving data quality and accessibility for stakeholders.
- Utilized SAP HANA and S/4 HANA platforms to enhance data processing, management, and reporting capabilities, supporting efficient decision-making.

Data Analyst, Griffin & Strong, P.C. | Atlanta, GA
Mar 2015 – Sep 2018

- Designed and maintained databases and data-collection interfaces, ensuring high-quality, reliable datasets and resolving technical or IT issues as they arose.
- Conducted regression and statistical analyses for Disparity Studies, generating insights that informed research decisions and supported equity-focused outcomes

PAPERS

- Fann JR, Lostutter T, Bates N, Andris L, Zheng Y, Rhew IC, Bauer A, Bennett I, Martin D, Canonizado J, Palacio C, Nomura N, Ahn R, Stewart N, Bollini N, Jones T, Mittal A, Hsieh G, Fogarty J, Irwin B. (2025) Using technology to optimize collaborative care management of depression in the cancer setting: the SCOPE study.

- Green B.B., Hansell L.D., Hsu C.W., Jones T., Luce C., Ralston J.D., Munson S.A., Davis B., Wright T., Anderson M.L. (2025). Evaluation of an Email Blood Pressure Measurement Outreach Program.

- Jones, T., Fogarty, J., Munson, S. (2025). Examining Researcher Experiences and Tensions Around Participant Engagement in Health HCI Research.
    - 2025 Association for Computing Machinery's Conference on Human Factors in Computing Systems Late Break Work

- Mittal, A., Jones, T., Karkar, R., Suh, J., Williams, S., Andris, L.M., Bates, N., Bauer, A.M., Lostutter, T.W., Fann, J.R., Fogarty, J., Hsieh, G., & Zheng, Y. (2025). SCOPE: Examining Technology-Enhanced Collaborative Care Management of Depression in the Cancer Setting.

- Sefidgar, Y.S., Castillo, C.L., Chopra, S., Jiang, L., Jones, T., Mittal, A., Ryu, H., Schroeder, J., Cole, A.M., Murinova, N., Munson, S.A., & Fogarty, J. (2024). MigraineTracker: Examining Patient Experiences with Goal-Directed Self-Tracking for a Chronic Health Condition. Proceedings of the CHI Conference on Human Factors in Computing Systems.
    - Awarded best paper at the 2024 Association for Computing Machinery's Conference on Human Factors in Computing Systems

- Jones, T., Randolph, A.B., & Sneha, S. (2021). Examining the Impact of Social Video Game Tournaments on Gamers' Mental Well-Being. Information Systems and Neuroscience.

- Jones, T., Randolph, A.B., Cortes, K.L., & Terrell, C.R. (2020). Using NeuroIS Tools to Understand How Individual Characteristics Relate to Cognitive Behaviors of Students.