

# Tae Jones

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## SUMMARY

Passionate and dedicated Health Human-Computer Interaction (HCI) qualitative graduate researcher. With a unique blend of expertise in Computer Science, Healthcare Management & Informatics, and Information Systems, they've garnered several scholarships and fellowships. A mixed-method researcher skilled in quantitative and qualitative analysis, survey and interview protocol design, data analysis, project management, and identifying research themes and patterns. Their growing list of research and publications underscores their dedication to advancing knowledge in mental health, health tracking applications, and behavioral change support research.

## PROFESSIONAL EXPERIENCE

**Graduate Researcher**, University of Washington | Seattle, WA

*May 2021- Current*

- **At-Home Blood Pressure Monitoring Kaiser Permanente Collaboration Research Study**
  - Collaborated with Kaiser Permanente Washington to evaluate a pilot home blood pressure measurement outreach program, analyzing research data by patient and clinic characteristics; designed and conducted interviews to assess patient usability, acceptability, and care experience.
- **Patient-Provider Collaboration with Personalized Self-Tracking in Migraine Research Study**
  - Collaborated with the University of Washington Headache Clinic to design and develop a highly personalized mobile app for self-tracking symptoms and treatments in migraine patients, focusing on aligning data collection with patient and provider goals to enhance engagement and reduce data burden.
- **SCOPE Research Fred Hutch Collaboration Project**
  - Contributed to the design, development, and evaluation of the UW Scope platform for technology-enhanced collaborative care in cancer and depression, deployed in 5 urban and rural cancer centers.
  - Collaborated with a multidisciplinary team at the University of Washington Department of Psychiatry and Fred Hutchinson Cancer Center to integrate a web-based provider registry and a patient mobile application.
  - Informed platform design using insights from prior research on co-occurring cancer and depression and the development of the parallel journeys framework.
  - Led planning, coordination, and conducting design interviews to gather user insights and improve platform usability.
  - Conducted and analyzed data from deployment interviews to enhance the effectiveness of the platform in clinical settings.
- **Technology Support for a Self-Management Intervention in Patients with Irritable Bowel Syndrome and Depression Collaboration with UW Nursing School**

- Led data analysis of 8 patient interviews for a mobile app aimed at supporting evidence-based self-management in individuals with irritable bowel syndrome and depression, identifying mismatches in app design assumptions and patient experiences; facilitated follow-up interviews and design sessions to enhance intervention adaptability for personalized patient understanding; contributed to manuscript preparation on the redesign process in collaboration with the University of Washington School of Nursing.

**Graduate Research Assistant, BrainLab at Kennesaw State University | Kennesaw, GA**

*Sep 2019 – Jul 2021*

- Developed and managed a comprehensive data library for organizing and storing research data at BrainLab, establishing a structured framework for data entry and retrieval to enhance accessibility for ongoing and future projects.
- Conducted thorough data cleaning and analysis for various research initiatives, utilizing statistical techniques and data visualization tools to ensure reliability and actionable insights of findings.
- Delivered impactful presentations that effectively communicated complex experimental results and project insights to diverse audiences, including researchers, stakeholders, and academic peers.
- Employed EEG and Tobii eye-tracking technologies to analyze consumer brand preferences through real-time data collection on cognitive and visual responses, providing valuable insights into user engagement and brand perception.

**Data Analyst, JDC Group contracted to The Coca-Cola Company | Atlanta, GA**

*Sep 2018 – Mar 2020*

- Assisted in the collection of client-specific data standards
- Played a key role in defining and implementing client-specific data standards, ensuring consistency and accuracy across multiple projects.
- Developed and executed SQL statements to cleanse and consolidate data, significantly improving data quality and accessibility.
- Leveraged SAP HANA and S/4 HANA to enhance data processing and management capabilities.

## SKILLS

Mixed Method Research, Quantitative and Qualitative, Survey and Interview Protocol Design, Data Analysis, Qualitative Analysis, Solution Focused, Project Management, Identify Research Themes and Patterns, SQL (Programming Language), Database and Information Management

## ACCOMPLISHMENTS

- 2023-2024 ITHS Team Science Seminar Series Certification
- "SCOPE: Examining Technology-Enhanced Collaborative Care Management of Depression in the Cancer Setting" CSCW '24 Nov 2025
- "MigraineTracker: Examining Patient Experiences with Goal-Directed Self-Tracking for a Chronic Health Condition" CHI '24, May 2024, Awarded best paper
- "UW SCOPE: Examining Technology-Enhanced Collaborative Care Management of Depression in the Cancer Setting" CHI 2023 Workshop on Bridging HCI and Implementation Science, May 2023
- Presented a poster at the Society for Digital Mental Health's Inaugural Virtual Conference "SCOPE: A pragmatic study examining technology-enhanced collaborative psychosocial care in the cancer setting." June 2022

- Examining the Impact of Social Video Game Tournaments on Gamers' Mental Well-Being" WIP, Information Systems and Neuroscience, July 2021
- "Using NeuroIS Tools to Understand How Individual Characteristics Relate to Cognitive Behaviors of Students", Information Systems and Neuroscience, July 2020
- Used EEG and Tobii Eye tracking to analyze the perception of Motus Nova's website with intentions to increase user buy-in
- Vital monitoring Wearables and Communication Applications -Submitted for Initial Review to the Health Information Technology Symposium (HITS)

## EDUCATION

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

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

Kennesaw State University | Kennesaw, GA | 2021  
MS Healthcare Management & Informatics

Kennesaw State University | Kennesaw, GA | 2015  
BBA Information Systems  
Minor: Applied Statistics

## SCHOLARSHIPS & FELLOWSHIPS

**TL1 Trainee**, Institute of Translational Health Sciences (ITHS) | Seattle, WA

*July 2023 – Jun 2024*

- I participated in the ITHS TL1 Translational Research Training Program, a one-year, mentored research training initiative in translational science designed explicitly for predoctoral students like me. This program allowed me to engage with a cross-disciplinary community of emerging researchers. It provided essential training, career development opportunities, and Team Science skills necessary for effectively working in translational science teams. Through thoughtful mentorship, interdisciplinary collaboration, and targeted training, I gained the career development tools needed to become an impactful translational researcher.

**CS Research Mentorship**, Google | Seattle, WA

*Sep 2022 – Dec 2022*

- Google CS Research Mentorship Program

**ARCS Foundation Scholar**, Achievement Rewards for College Scientists (ARCS) Foundation | Seattle, WA

*July 2023 – Jun 2024*

- ARCS Light in Honor of Carmen Gayton

**College of Engineering Dean's Fellowship**, University of Washington | Seattle, WA

*Sep 2021 – May 2022*

- Richard Ladner & Paul G. Allen Diamond Fellowship for Graduate Student Support