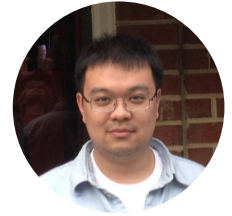# WENYUAN WANG

UX Researcher on Visualization Systems and Human-Machine Teaming

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EDUCATION

Ph.D. in Information Science
UNC Chapel Hill

📅 Aug 2017 – Present

Thesis title: *"That's about enough: Investigating Information Satiety"*

M.Sc. in Information Science
University of Pittsburgh

📅 Aug 2013 – May 2015

B.Sc. in Computer Science
Shanghai University of Finance and Economics

📅 Sept 2008 – June 2012

RESEARCH EXPERIENCES

UX Research Scholar Intern
Laboratory of Analytical Sciences

📅 June 2023 – Aug 2023   📍 Raleigh, NC

- Collaborated with Academic Scholars, Industrial Analysts and Government Agents during the 8-week *Summer Conference of Applied Data Science (SCADS)*, to develop a *Tailored Daily Report (TLDR) system* to enhance intelligence analysts' workflows.
- Designed and executed a research project capturing core values of NSA intelligent analysts with focus discovery exercises, and analyzed data to derive key insights.

Research Assistant
Visual Analytics and Communication Lab

📅 Aug 2017 – Present   📍 Chapel Hill, NC

- Contributed system development of *Cadence*, a visual analytic platform for high dimensional time series data.
- Collaborated with the Lab on multiple research projects involving bias detection and human reasoning enhancement in visualization systems.

Research Assistant
Digital Innovation Lab

📅 June 2020 – June 2021   📍 Chapel Hill,NC

- Created interactive visualization for exploratory data analysis on Twitter Analysis of COVID-19 vaccine-related topics from October 2019 to February 2020.
- Analyzed data integrity and proposed alternative strategies for the data analytics process based on initial findings.

TECH SKILLS

Python ●●●●◐

SQL ●●●●◐

JavaScript ●●●●○

Java ●●●●○

R ●●●◐○

THINGS I KNOW

Numpy   Pandas   Scikit-learn   d3

LSTM   Transformer   LDA

Usability Testing   A/B Testing
Interactive Visualization Design

Interview Protocol Design   Qualtrics
Survey Design   Statistical Analysis

OTHER EXPERIENCES

Volunteering UX Manager
Community Workshop Series

📅 Sep 2023 – Present   📍 Chapel Hill, NC

- Volunteered as UX manager at Community Workshop Series, a student-run organization aiming to improve community-based information access and experience.
- Collaborated with the leader of the organization to create practicum opportunities for IS students to enhance the user experience of the CWS website.

Quality Assurance Engineer
NetApp, Inc.

📅 June 2015 – May 2016   📍 Raleigh, NC

- Execute quality assurance testings for VMware Integration Solution on NetApp storage system, using PowerShell to implement automation strategy.