

## Qi Zhao

Baltimore, Maryland, United States  
qiz1@umbc.edu — +1 6083951851 — www.linkedin.com/in/zqhd2019

### EDUCATION

---

**University of Maryland, Baltimore County**, Baltimore, United States August 2025 – May 2030(exp)  
Ph.D. of Human-Centered Computing

**Indiana University Indianapolis**, Indianapolis, United States August 2023 – May 2025  
Master of Science in Human Computer Interaction GPA: 4.00/4.00  
Thesis Title: Understanding Post-retirement Workers in the Gig Economy as Online Personal Shoppers: Motivations, Expectations and Technology-related Challenges

**Hang Zhou Dianzi University**, Hangzhou, China September 2019 – July 2023  
Bachelor of Science in Computer Science and Technology GPA: 4.27/5.00  
Thesis: Design and Implementation of a Continuous Integration and Deployment Platform Based on Docker Compose

### PUBLICATIONS

1. Yuwen Lu, Meng Chen, **Qi Zhao**, Victor Cox, Yang Yang, Meng Jiang, Jay Brockman, Tamara Kay, and Toby Jia-Jun Li. 2026. Crepe: A Mobile Screen Data Collector Using Graph Query. In Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26), April 13– 17, 2026, Barcelona, Spain. ACM, New York, NY, USA, 20 pages. <https://doi.org/10.1145/3772318.3791137>
2. **Qi Zhao** and Aqueasha Martin-Hammond. 2026. "I don't feel lonely because I don't work alone most of the time": Exploring Gig Work as an Opportunity for Social Participation Among Older Adults. In Extended Abstracts of the 2026 CHI Conference on Human Factors in Computing Systems (CHI EA '26), April 13–17, 2026, Barcelona, Spain. ACM, New York, NY, USA, 6 pages. <https://doi.org/10.1145/3772363.3798370>

### EXPERIENCE

---

**Bizchat: An AI-Powered Tool for Business Plan Writing** Baltimore, United States  
*Graduate Research Assistant* August 2025 – Present

- Presented Bizchat at one million cup at Oca Mocha; Attended Hack Day at school of business in Howard University and one million cups to pitch project and Q&A with real target users; Attended BlackSONs and Rec-to-Tech to showcase Bizchat; Attended SMBA&D 2026 WBE townhall fireside chat hosted by Baltimore mayor's office.
- Developed core features and Maintain existing code bases using React.js and Typescript.
- Developed New AI Literacy features that help entrepreneurs assess AI generated business plans

**Automation Tech in Service Work** Indianapolis, United States  
*Graduate Research Assistant* January 2024 – May 2024

- Understood the research process of a qualitative research project with a focus on interview method.
- Read paper related to social justice and wage theft; Learned reflexive thematic analysis technique.
- Analyzed interview transcripts and wrote interview memo regarding service workers in gas station and grocery stores.

**CREPE: A Mobile Screen Data Collector Using Graph Query** South Bend, United States  
*Research Collaborator* January 2024 – May 2024

- Understood the research process of a Technical HCI research project.
- Used JAVA to write technical features of the Android app.
- Helped recruit participants and facilitate the pre-pilot study session, with a focus on the consent form and configuring the app on the participants' mobile phones.

**Exploring Adolescent Suicide Risk Factors through Visualizing Self-Report Survey** Indianapolis, United States  
*Graduate Research Assistant* August 2023 – May 2024

- Developed a new type of parallel coordinates on a multi-scale based on a large-scale survey data. This survey includes 10000+ participants with over 300 survey questions across 3 years.
- Used D3.js to develop interactive visualization Chart and Python to process survey data.
- Used hierarchical clustering method to cluster survey questions based on the correlation matrix.
- Analyzed the clustering data using hierarchical visualization method.

### Internship

---

**Hikvision** Hangzhou, China  
*Front-end Developer* April 2022 - August 2022

- Completed 30+ tasks and fixed 60+ bugs; worked with a UX designer to implement the new design prototypes of different test platforms; implemented front-end pages with interactable components using HTML, JavaScript and CSS.
- Developed new features for an inner UI automation test platform, including one that allowed test developers to create test scripts based on their mouse actions; reduced time for test developers to write test cases by 20%, which was praised by my mentor and test developers.