Jiaxin An

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RESEARCH STATEMENTS

My research aims to understand how to design technology for people with mental disorders and their caregivers.

Themes: Health informatics. HCI. Information behavior. Mental disorders.

EDUCATION

2018 - 2020   **Master of library and information science**, Peking University.

2015 - 2018   **Bachelor of Psychology**, Peking University.

2014 - 2018   **Bachelor of Library and Information Science**, Peking University.

RESEARCH EXPERIENCE

2018 - 2020   **Information Behavior of Parents of Children with ASD (autism spectrum disorder)**

- Observed parents at ASD therapy classes at *Paintings of the Innocents*, Beijing to get familiar with parents.
- Recruited parents from classes as participants.
- Designed and conducted interviews (N=19) with participants.
- Conducted content analysis (with NVivo 12) to understand parents' information needs, types of behaviors, information sources and influencing factors.
- Wrote the final report.

2017 - 2018   **Analysis of User Values in Carpooling Based on Means-End Chain (MEC)**

- Recruited drivers (N=10) and passengers (N=17) who use ride-sharing platforms in China as participants.
- Designed and conducted interviews with participants to understand the reasons why they take part in carpooling.
- Summarized MEC models of drivers and passengers in carpooling.
- Wrote the final report for the team at Didi Chuxing.

2016 - 2017   **Factors Influencing Emoji Usage in Smartphone Mediated Communications**

- Led a group to conduct a quantitative study on emoji usage in WeChat (*funded by Peking University Principal Fund Project*).
- Designed the study protocol, WeChat messages collection guideline and emoji sentiment coding guideline.
- Analyzed data (6,821 messages) using descriptive statistics and non-parametric tests (with SPSS).
- Wrote the final report.

2015 - 2016   **The Primary School Students' Internet Usage for Learning**

- Led a group to conduct a diary study (N=28) on Internet usage in primary school students' learning (*funded by Peking University Challenge Cup Academic Competition*).
- Designed the study protocol and diary.
- Conducted a focus group with three participants to understand the reasons why they use or not use

Internet during learning.
- Conducted content analysis and descriptive statistics.
- Wrote the final report.

RESEARCH SKILLS
- **Hardware and software**: Experienced in using survey software, qualitative analysis software (NVivo), and statistical analysis software (SPSS).
- **Research training**: Trained in quantitative and qualitative methods, including survey, observation, interview, user scenario, and content analysis.
- **Statistical analysis**: Experienced in using SPSS to perform quantitative statistical analysis including descriptive statistics, t-tests correlations, ANOVAs, and non-parametric tests. Have basic skills in using Python and SQL.

PUBLICATIONS
1. Liu, J., **An, J.,** & Zhang, P. (2020). Analyzing opinion conflicts in an online group discussion: From the perspective of majority and minority influence. *iConference 2020 Proceedings*.
2. **An, J.**, Na, Y., & Zhang, P. (2019). How do parents of children with ASD use information grounds to seek for ASD-related information?. *Proceedings of the Association for Information Science and Technology*, *56*(1), 10-20.
3. **An, J.**, Li, L., Teng, Y., & Zhang, P. (2018). Factors Influencing Emoji Usage in Smartphone Mediated Communications. *iConference 2018 Proceedings*.
4. Zhe, W., **An, J.**, & Zhang, P. (2017). Activity patterns of collaborative sensemaking in small discussion groups. *iConference 2017 Proceedings*.
5. **An, J**., Fu, Y., Wang, M., & Liu, C. (2017). To learn or not to learn? The primary school students' internet use for learning. *iConference 2017 Proceedings*.

TEACHING EXPERIENCE
2018 - 2020   **Teaching Assistant** of course *The Organization of Information,* Peking University
- Led a group of undergraduates (N=12) to discuss assigned reading materials.
- Introduced extracurricular knowledge to students based on their needs.
- Graded students' assignments.
- Designed syllabus, outline for reviews, assignments, and examinations for online courses.
- Made the FAQ videos for online course students.

INTERNSHIP
2018 Jul - Aug   **Intern** funded by CUSPEI
- Worked at two start-ups invested by The Valley Fund, including global market analysis and user interviews.

2017 - 2018   **Product Manager Assistant** at Didi Chuxing, Beijing, China.
- Conducted data analysis with SPSS and SQL for the design of order distribution.
- Conducted an interview study on the user experience of ride-sharing drivers and riders.

ACTIVITIES

2019   **Participant** in 2019 Certificate Program for International Organization Talents
- Learned knowledge about international organization.
- Accepted training on work manner and writing.

2016 - 2019   **Volunteer** at [Association for Rehabilitation of Autism Children, Beijing, China](#)
- Companied children with ASD during art therapy classes.
- Participated in public-interest performances.

2014 - 2016   **Leader** of Department of Information Management Debate Team, Peking University
- Trained new debaters.
- Participated in competitions on behalf of the department and Peking University.

HONORS AND REWARDS

2019   Excellent Award in the Graduate Student Symposium in ALIRG 2019
2017   Dayuan Wu – Suiqiao Chen Scholarship, Peking University
2017   Merit Student of Peking University
2016   China Social Welfare Foundation excellent volunteers
2016   Challenge Cup Academic Competition 2nd Place, Peking University
2016   The Champion of Debate Competition, Peking University
2015   Excellent Award in Summer Practice of Peking University