Rachael Zehrung

rzehrung@uci.edu
http://rzehrung.name
Google Scholar

EDUCATION

2021–present	**University of California**, Irvine, CA
	Ph.D. in Informatics
	Advisor: *Dr. Yunan Chen*

2020–2021	**University of Maryland**, College Park, MD
	M.S. in Computer Science
	Scholarly Paper: *Opportunities to Support Kids' Agency and Well-being: A Review of Kids' Wearables*
	Advisor: *Dr. Eun Kyoung Choe*

2015–2019	**University of Maryland**, College Park, MD
	B.S. in Computer Science, B.A. in Germanic Studies
	Advisor: *Dr. Leilani Battle*

PUBLICATIONS

[*] *denotes equal contribution*

Conference Proceedings (Rigorously Peer Reviewed)

Rachael Zehrung and Yunan Chen. **Self-Expression and Sharing around Chronic Illness on TikTok**. *Proceedings of the 2023 American Medical Informatics Association Annual Symposium (AMIA).*

Yawen Guo, Rachael Zehrung, Katie Genuario, Xuan Lu, Qiaozhu Mei, Yunan Chen, and Kai Zheng. **Perspectives on Privacy in the Post-Roe Era: A Mixed-Methods of Machine Learning and Qualitative Analyses of Tweets**. *Proceedings of the 2023 American Medical Informatics Association Annual Symposium (AMIA).*

Rachael Zehrung,[*] Astha Singhal,[*] Michael Correll, and Leilani Battle. **Vis Ex Machina: An Analysis of Trust in Human versus Algorithmically Generated Visualization Recommendations**. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '21).*

Shaan Chopra, Rachael Zehrung, Tamil Arasu Shanmugam, and Eun Kyoung Choe. **Living with Uncertainty and Stigma: Self-Experimentation and Support-Seeking around Polycystic Ovary Syndrome**. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '21).*

Workshops, Posters, and Technical Reports (Lightly Peer Reviewed)

Rachael Zehrung, Zhaoyuan "Nick" Su, and Yunan Chen. **Rare Aesthetic: Lived Experiences, Challenges, and Support-Seeking Practices of Adolescents with Rare Diseases on TikTok**. *Proceedings of the 2022 American Medical Informatics Association Annual Symposium (AMIA).*

Rachael Zehrung and Yunan Chen. **Care Work in Parental Tracking Technologies**. *CSCW 2021 Workshop on The Future of Care Work.*

SKILLS

Languages: Python, JavaScript, Java, HTML/ CSS

Technologies: Linux, Git, PostgreSQL, D3, Tableau, Figma, Qualtrics, LaTeX

Research: Interviews, Surveys, User-Centered Design, Qualitative Data Analysis, Data Visualization

HONORS AND AWARDS

2022	GAANN Fellowship in Socially Responsible AI
2021	Recruitment Fellowship, UC Irvine ($5,000)
	Chair's Award, UC Irvine School of Information and Computer Sciences ($2,000)
	Competitive Edge Summer Research Fellowship, UC Irvine ($5,000)
	GAANN Fellowship in Socially Responsible AI
	NSF Graduate Research Fellowship Honorable Mention
2020	First Place in Design Challenge, Terps Makeathon ($600)
2019	Student Commencement Speaker, UMD School of Languages, Literatures, and Cultures
2018	Sarah Reehl Scholarship, UMD Department of Computer Science ($2,000)
2017	German Society of Maryland Scholarship ($1,000)
	Anneliese and Alfred Strauch Scholarship for Foreign Language Study ($500)
2016	Grace Hopper Scholarship, Maryland Center for Women in Computing
2014	Congress-Bundestag Youth Exchange Scholarship

TEACHING

Graduate Teaching Assistant, University of California, Irvine
- INF 173: Consumer Health Informatics (Spring 2023 *with Dr. Yunan Chen*)
- INF 133: User Interaction Software (Fall 2022)

Graduate Teaching Assistant, University of Maryland, College Park
- INST 327: Database Design and Modeling (Spring 2021)
- CMSC 838X: Personal Health Informatics and Visualization (Fall 2020 *with Dr. Eun Kyoung Choe*)

Undergraduate Teaching Assistant, University of Maryland, College Park
- CMSC 132: Object-Oriented Programming II (Spring 2018)
- CMSC 131: Object-Oriented Programming I (Fall 2017)
- CMSC 250: Discrete Structures (Spring 2017, Fall 2017)

EMPLOYMENT

July 2023– present	**University of California**, Irvine, CA Student Ambassador for Diversity and Inclusion in Informatics
Aug 2021– present	**University of California**, Irvine, CA Graduate Research Assistant *(under Dr. Yunan Chen)*
May 2020– Aug 2020	**University of Maryland**, College Park, MD Graduate Research Assistant *(under Dr. Eun Kyoung Choe)*
Jan 2020– May 2020	**Maryland Population Research Center**, College Park, MD Graduate Administrative Assistant
May 2019– Dec 2019	**University of Maryland**, College Park, MD Post-baccalaureate Researcher *(under Dr. Leilani Battle)*
May 2018– Aug 2018	**The Vanguard Group**, Malvern, PA Software Engineer Intern
May 2017– Aug 2017	**The Vanguard Group**, Charlotte, NC Software Engineer Intern
May 2016– Aug 2016	**Laboratory for Telecommunication Sciences**, College Park, MD Security Research Intern

INVITED TALKS

Investigating Opportunities to Support Kids' Agency and Well-being: A Review of Kids' Wearables
HCIL Symposium 2021

SERVICE

Reviewer, ACM CHI (2023), AMIA (2022, 2023)

Mentor, UCI SURF (2023), Competitive Edge Summer Research Program (2022), Technica (2020)

Student Volunteer, ACM CHI PLAY (2020)

Outreach Ambassador, Maryland Center for Women in Computing (2016)