OLIVER ALONZO

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ACADEMIC APPOINTMENTS

Assistant Professor July 2023 – Present
DePaul University
Jarvis College of Computing and Digital Media (CDM)

Postdoctoral Assistant Professor August 2022 – May 2023
Creighton University
Department of Computer Science, Design & Journalism

RESEARCH EXPERIENCE

Graduate Research Assistant August 2018 – May 2023
Center for Accessibility and Inclusion Research (CAIR) at RIT

HCI Research Intern May 2021 – August 2021
Adobe Research

UX Research Intern May 2020 – August 2020
Facebook Inc.

EDUCATION

Rochester Institute of Technology, Rochester, New York May 2023
Ph.D. Computing and Information Sciences
Advisor: Matt Huenerfauth, Ph.D.

   Dissertation: Automatic Text Simplification Tools to Provide Reading Assistance for Deaf and Hard-of-Hearing Individuals

Creighton University, Omaha, Nebraska May 2018
B.S. Computer Science & Informatics
Minors: Graphic Design & Media, Musical Theatre

PEER-REFEREED CONFERENCE PAPERS

[C.1]   Filipo Sharevski, **Oliver Alonzo**, Sarah Hau. 2025. "I have never seen that for Deaf people's content:" Deaf and Hard-of-Hearing User Experiences with Misinformation, Moderation, and Debunking on Social Media in the US. In *Proceedings of the 2025 ACM Conference on Human Factors in Computing Systems (CHI'25). Conference acceptance rate of 25.1%*

[C.2]   **Oliver Alonzo**, Sooyeon Lee, Akhter Al Amin, Mounica Maddela, Wei Xu, and Matt Huenerfauth. 2024. "Design and Evaluation of an Automatic Text Simplification Prototype with Deaf and Hard-of-hearing Readers." In *The 26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24)*. ACM, New York, NY, USA. Conference acceptance rate of 30%.

[C.3]   **Oliver Alonzo,** Hijung Valentina Shin, and Dingzeyu Li. 2022. "Beyond Subtitles: Captioning and Visualizing Non-speech Sounds to Improve Accessibility of User-Generated Videos." In The 24th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '22). ACM, New York, NY, USA. *Conference acceptance rate of 26.5%*

[C.4]   **Oliver Alonzo,** Jessica Trussell, Matthew Watkins, Sooyeon Lee, Matt Huenerfauth. 2022. "Methods for Evaluating the Fluency of Automatically Simplified Texts with Deaf and Hard-of-Hearing Adults at Various Literacy Levels." In *Proceedings of the 2022 ACM Conference on*

Human Factors in Computing Systems (CHI'22). ACM, New York, NY, USA. *Conference acceptance rate of 25%*

[C.5] **Oliver Alonzo,** Jessica Trussell, Becca Dingman, Matt Huenerfauth. 2021. "Comparison of Methods for Evaluating Complexity of Simplified Texts among Deaf and Hard-of-Hearing Adults at Different Literacy Levels." In *Proceedings of the 2021 ACM Conference on Human Factors in Computing Systems (CHI'21).* ACM, New York, NY, USA. *Conference acceptance rate of 26%*

[C.6] **Oliver Alonzo,** Lisa Elliot, Becca Dingman, Matt Huenerfauth. 2020. "Reading Experiences and Interest in Reading-Assistance Tools Among Deaf and Hard-of-Hearing Computing Professionals." In *Proceedings of the 22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '20).* ACM, New York, NY, USA. *Conference acceptance rate of 28%*

[C.7] **Oliver Alonzo**, Matthew Seita, Abraham Glasser, Matt Huenerfauth. 2020. "Automatic Text Simplification Tools for Deaf and Hard of Hearing Adults: Benefits of Lexical Simplification and Providing Users with Autonomy." In *Proceedings of the 2020 ACM Conference on Human Factors in Computing Systems (CHI'20).* ACM, New York, NY, USA. *Conference acceptance rate of 25%*

[C.8] **Oliver Alonzo**, Abraham Glasser and Matt Huenerfauth. 2019. "Effect of Automatic Sign Recognition Performance on the Usability of Video-Based Search Interfaces for Sign Language Dictionaries." In *Proceedings of the 21st International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '19).* ACM, New York, NY, USA. *Conference acceptance rate of 26%*

JOURNAL ARTICLES

[J.1] **Oliver Alonzo,** Lisa Elliot, Becca Dingman, Sooyeon Lee**,** Akhter Al Amin, and Matt Huenerfauth. 2022. "Reading-Assistance Tools Among Deaf and Hard-of-Hearing Computing Professionals in the U.S.: Their Reading Experiences, Interests and Perceptions of Social Accessibility." ACM Transactions on Accessible Computing.

[J.2] Saad Hassan, **Oliver Alonzo**, Abraham Glasser, and Matt Huenerfauth. 2021. "Effect of Sign-recognition Performance on the Usability of Sign-language Dictionary Search." ACM Transactions on Accessible Computing 14, 4, Article 18 (December 2021).

WORKSHOP PAPERS

[W.1] **Oliver Alonzo,** Sooyeon Lee, Mounica Maddela, Wei Xu, and Matt Huenerfauth. 2022. A Dataset of Word-Complexity Judgements from Deaf and Hard-of-Hearing Adults for Text Simplification. In *Proceedings of the Workshop on Text Simplification, Accessibility, and Readability (TSAR-2022),* pages 119–124, Abu Dhabi, United Arab Emirates (Virtual). Association for Computational Linguistics.

BOOK CHAPTERS

[B.1] Peter Yeung, **Oliver Alonzo**, Matt Huenerfauth. 2020. "Interest and Requirements for Sound- Awareness Technologies among Deaf and Hard-of-Hearing Users of Assistive Listening Devices." *Universal Access in Human-Computer Interaction. HCII 2020. Lecture Notes in Computer Science.* Springer, Cham. (Peer-reviewed conference paper, published as book chapter)

POSTER PRESENTATIONS

[P.1] **Oliver Alonzo**. The Use of Automatic Text Simplification to Provide Reading Assistance to Deaf and Hard-of-hearing Individuals in Computing Fields. ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'21), Doctoral Consortium. October 2021.

[P.2]   **Oliver Alonzo,** Matthew Seita, Abraham Glasser, Matt Huenerfauth. Automatic Text Simplification Tools for Deaf and Hard of Hearing Adults. CRA Grad Cohort Workshop for Underrepresented Minorities + Persons with Disabilities (URMD), March 2020.

[P.3]   **Oliver Alonzo**. Reading-Assistance Tools for Self-Directed Learning by Deaf and Hard-of-Hearing Computing Workers. Computing Research Association (CRA) Grad Cohort Workshop for Underrepresented Minorities + Persons with Disabilities (URMD), March 2019.

PROFESSIONAL SERVICE

Organizing Committee: Hybrid/Virtual Chair   2024, 2025
ACM SIGACCESS Conference on Computers and Accessibility

Program Committee   2025
ACM Conference on Human Factors in Computing Systems

Reviewer: Technical Papers   *2023,* 2024
ACM Transactions on Accessible Computing (TACCESS)

Reviewer: Technical Papers   2021, 2024
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)

Reviewer: Technical Papers   2021, 2022, 2023
ACM Conference on Human Factors in Computing Systems (CHI)

Organizing Committee: Web Chair   2023
ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '23)

Reviewer: Workshops   2022, 2023
Workshop on Text Simplification, Accessibility, and Readability (TSAR) at EMNLP

Reviewer: Late Breaking Work   2020
ACM Conference on Human Factors in Computing Systems (CHI'21)

Reviewer: Technical Papers   2019
ACM SIGCHI's Annual Symposium on Computer-Human Interaction in Play (CHI Play)

HONORS AND AWARDS

Language Science and Computational Linguistics Student Excellence Award   April 2022
Rochester Institute of Technology

AWARE-AI NSF Research Traineeship Program   January 2022
Rochester Institute of Technology

Doctoral Consortium   October 2021
ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'21)

Phi Kappa Phi Honor Society   March 2021
Rochester Institute of Technology

John N. Mordeson Award for Excellence in Computer Science (Top Graduate)   May 2018
Creighton University

Outstanding Senior College of Arts and Sciences   May 2018
Creighton University

ADDITIONAL TEACHING EXPERIENCE

Instructor – Foundations of Human-Computer Interaction   January 2021 – May 2021
Rochester Institute of Technology

Teaching Apprentice – Mobile App Development   January 2018 – May 2018
Creighton University