OLIVER ALONZO

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EDUCATION

Rochester Institute of Technology, Rochester, New York · · · · · · · Expected 2023
Ph.D. Computing and Information Sciences · · · · · · · · · · · · · · · · GPA: 3.96
Advisor: Matt Huenerfauth

Creighton University, Omaha, Nebraska · · · · · · · · · · · · · · · · · May 2018
B.S. Computer Science & Informatics · · · · · · · · · · · · · · · · · · GPA: 4.00
Minors: Graphic Design & Media, Musical Theatre
Honors: Summa Cum Laude, Outstanding Senior College of Arts and Sciences
Honor Societies: Phi Beta Kappa, Alpha Sigma Nu, Omicron Delta Kappa

RESEARCH EXPERIENCE

Rochester Institute of Technology, Rochester, New York · · · · August 2018 – Present
Graduate Research Assistant
- Conduct research on Human Computer Interaction and Accessibility at the Center for Accessibility and Inclusion Research (CAIR) Lab
- Investigate the use of text simplification to provide reading assistance for Deaf and Hard-of-Hearing computing professionals

CONFERENCE PUBLICATIONS

[P.2]   **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%*

[P.1]   **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%*

BOOK CHAPTERS

[C.1]   Peter Yeung, **Oliver Alonzo**, Matt Huenerfauth. 2020 (to appear). "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.4]   **Oliver Alonzo**, Matthew Seita, Abraham Glasser, Matt Huenerfauth. 2019. Adapting Automatic Text-Simplification Tools to Provide Reading Assistance for People who are Deaf or Hard of Hearing in Computing Fields. RIT Graduate Education Week Showcase, Poster Session, November 2019.

[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), Poster Session, March 2019.

[P.2]   **Oliver Alonzo**, Abraham Glasser, Peter Yeung, Matt Huenerfauth. 2018. Investigating Reading-Assistance Tools for Self-Directed Learning by Deaf and Hard-of-Hearing Computing Workers. RIT Graduate Education Week Showcase, Poster Session, November 2018.

[P.1] **Oliver Alonzo**, Abraham Glasser, Peter Yeung, Matt Huenerfauth. 2018. Investigating Reading-Assistance Tools for Self-Directed Learning by Deaf and Hard-of-Hearing Computing Workers. AI@GCCIS: Golisano College Research & Innovation Showcase, Poster Session, October 2019.

SCHOLARSHIPS

Ph.D. Merit Scholarship - Rochester Institute of Technology   August 2018
Financial Support for Ph.D. studies

Leonardo Da Vinci Merit Scholarship - Creighton University   August 2014
Full tuition scholarship for undergraduate studies awarded to one student graduating from the
Instituto de Desarrollo Integral Leonardo Da Vinci in Santiago, Dominican Republic

TRAVEL GRANTS

Computing Research Association (CRA)   March 2020
Grad Cohort Workshop for Underrepresented Minorities + Persons with Disabilities (URMD)
Austin, TX

Computing Research Association (CRA)   March 2019
Grad Cohort Workshop for Underrepresented Minorities + Persons with Disabilities (URMD)
Waikoloa, HI

PROFESSIONAL SERVICE

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

TEACHING EXPERIENCE

Creighton University, Omaha, Nebraska   January 2018 – May 2018
Teaching Apprentice
- Assisted in the preparation of the lectures and class activities for a Mobile App Development Course
- Guided students during hands-on activities in class in a classroom with 24-students
- Led lectures on special topics throughout the semester

PROFESSIONAL EXPERIENCE

Intellisys D. Corp., Santiago, Dominican Republic   May 2017 – July 2017
Intern – Front End Developer
- Developed a customized theme for Norisol Ferrari's online store using Shopify, helping the store increase sales by having an established online presence
- Set up an automated testing framework for a web application
- Served as a QA tester in a team working on an intranet, reducing friction between development and user testing

DoIT – Creighton University, Omaha, Nebraska   March 2015 – May 2016
Intern – Research and Development Lab
- Assisted in research on new technologies that can have an impact in classrooms across campus
- Developed web application for immersive display of 3D images using Unity, reducing the risk of bringing nursing students into a delicate hospital room
- Assisted in the creation of a 3D banner for display at laboratory, promoting the launching of the new space

UNIVERSITY SERVICE

CAIR Lab – Rochester Institute of Technology, Rochester, NY   April 2019 - Present
Communications Chair

Residential Life – Creighton University, Omaha Nebraska   August 2016 – May 2018
Resident Advisor

GRADUATE-LEVEL COURSES

CISC 807	– **Teaching Skills Workshop**, Dr. Yin Pan	Fall 2019
CISC 810	– **Research Foundations**, Dr. Pengcheng Shi	Fall 2018
CISC 820	– **Quantitative Foundations**, Dr. Linwei Wang	Fall 2018
CISC 830	– **Cyberinfrastructure Foundations**, Dr. Minseok Kwon	Spring 2019
CISC 849	– **Human Behavior Understanding from Large-scale Data,** Dr. Yu Kong	Fall 2019
CISC 863	– **Statistical Machine Learning**, Dr. Rui Li	Spring 2019
ENGL 681	– **Intro to Natural Language Processing**, Dr. Cecilia Ovesdotter Alm	Spring 2019
HCIN 600	– **Research Methods in HCI**, Michael McQuaid	Fall 2018
ISTE 798	– **Qualitative Research Methods,** Kristen Shinohara	Present
MLAS 202	– **Beginning ASL II**, Terri Worek	Present
SWEN 610	– **Foundations of Software Engineering,** Dr. A. Masaud-Wahaishi	Fall 2019