

OLIVER ALONZO

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EDUCATION

Rochester Institute of Technology, Rochester, New York Expected 2023
Ph.D. Computing and Information Sciences GPA: 4.00
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

[C.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%*

POSTER PRESENTATIONS

[P.4] **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.3] **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.2] Abraham Glasser, Alex Kramer, Harshad Golwalkar, Ruiwen Fan, Shuishu Fang, **Oliver Alonzo**, Matt Huenerfauth. 2018. Collection of Training Data for a Video-Based Search Tool for ASL Dictionaries. 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 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, significantly saving time for the team
- 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 849 – Human Behavior Understanding from Large-scale Data, Dr. Yu Kong.	Present
CISC 807 – Teaching Skills Workshop, Dr. Yin Pan	Present
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 863 – Statistical Machine Learning, Dr. Rui Li	Spring 2019
HCIN 600 – Research Methods in HCI, Michael McQuaid	Fall 2018
ENGL 681 – Intro to Natural Language Processing, Dr. Cecilia Ovesdotter Alm	Spring 2019
SWEN 610 – Foundations of Software Engineering, Dr. A. Masaud-Wahaishi	Present