

# OLIVER ALONZO

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## EDUCATION

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**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

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**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

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- [C.2] **Oliver Alonzo**, Matthew Seita, Abraham Glasser, Matt Huenerfauth. 2020 (conditionally accepted). "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)*. New York, ACM. Conference acceptance rate of ~25%
- [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

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- [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

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**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

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**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

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

## TEACHING EXPERIENCE

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**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

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**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

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**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

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