



Curriculum Vitae

Connor Esterwood - 04/28/21 -

Web of Science ResearcherID: AAL-3929-2021
ORCID: 0000-0002-2685-6435

Academic Degrees:

BA - International Relations - University of North Carolina, Asheville - 2013

MS - Information Science - University of Tennessee, Knoxville - 2018

Ph.D. - School of Information - University of Michigan, Ann Arbor - 2024

Relevant Experience:

Ph.D. Pre-Candidate School of Information

UNIVERSITY OF MICHIGAN - ANN ARBOR, MI

Working on preliminary exam work related to human-robot teaming and team design for improved productivity, wellbeing, and sustainability. The study is currently is developed and the infrastructure for its execution is close to completion with the target date of academic year of 2020/2021.

ARC-CAVE Research Assistant

DEPT. OF ENGINEERING - UNIVERSITY OF MICHIGAN - ANN ARBOR, MI

Starting in August of 2020 I joined a team of engineers at the University of Michigan's automotive research center with the goal of integrating human subjects into an autonomous driving simulation platform. This platform was original built as an HiL simulator and is now being expanded for the inclusion of a human subjects branch. I personally worked on integrating VR eye tracking metrics in the Unreal Engine as well as GSR+ via the Shimmer sensor development kit.

ARC Research Assistant

SCHOOL OF INFORMATION & DEPT. OF ENGINEERING - UNIVERSITY OF MICHIGAN - ANN ARBOR, MI

Worked on independent research related to autonomous vehicles while focusing on the design and development of a next-generation "hardware-in-the-loop" simulator for testing autonomous vehicle algorithms and decision-making software. This simulation was in collaboration with the automotive research center (ARC) at UMICH.

Academic Affiliate

SCHOOL OF INFORMATION & DEPT. OF ENGINEERING - UNIVERSITY OF MICHIGAN - ANN ARBOR, MI

Worked as a member of the MAVRIC lab to explore the potential of autonomous ground systems for civilian and military applications. I specifically investigated the role of risk, trust, and error type in determining soldier performance on a non-driving secondary task.

Masters Student Research Experience (REMS) Participant

SCHOOL OF INFORMATION - UNIVERSITY OF MICHIGAN - ANN ARBOR, MI

Assisted in the cutting edge AV research at the University of Michigan as well as conducted independent research leading to the production of an academic poster and presentation on motivation and autonomous vehicle use.

UX Intern

DOE - OFFICE OF SCIENTIFIC AND TECHNICAL INFORMATION - OAK RIDGE, TN

I worked with the UX professional embedded at OSTI to test, refine, and lead projects that improve upon existing government systems and intranets within the Oak Ridge National Laboratory.

UX Intern

DOE - OAK RIDGE NATIONAL LABORATORY - OAK RIDGE, TN

Worked on the technical team at the Spallation Neutron Source for the Neutron Sciences Directorate. I primarily conducted user experience research on the internal proposal system, the website, and the research process at the NScD as a whole.

Graduate UX Researcher

UNIVERSITY OF TENNESSEE - KNOXVILLE, TN

Conducted research and assisted in the fulfillment of an IMLS grant focused around library assessment and user experience. I also worked with a team of engineers at the university to investigate the impact of an individual's self-perception on brain-computer interface performance.

Honors and Awards:

REMS Fellowship

UNIVERSITY OF MICHIGAN, ANN ARBOR

I was awarded a place in a cohort of masters students and recent graduates that provided me a unique summer research experience program. This award took the part of a fellowship with a faculty member and a 3-month stipend.

UTK UX Cohort Award

UNIVERSITY OF TENNESSEE, KNOXVILLE

I was accepted into a specialized educational program at the University of Tennessee that focused on user experience and assessment of information service providers including but not limited to libraries and government laboratories. This program ensured funding for a full 2 years master's program.

Publications

PUBLICATION METRICS

For all time

CITATIONS

4

H-INDEX

2

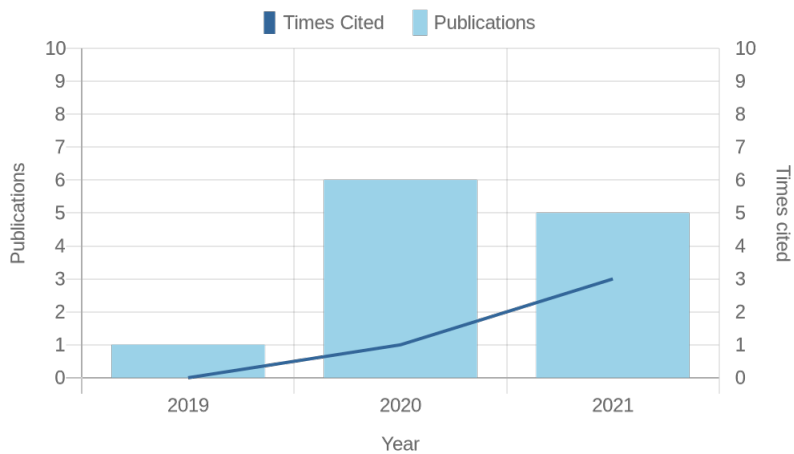
PUBLICATIONS

12

WEB OF SCIENCE PUBLICATIONS

4

PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

(4) SSRN Electronic Journal

(1) IEEE Transactions on Human-Machine ... **WOS**

(1) Foundations and Trends® in Information Syst...

(1) International Journal of Human-Compu... **WOS**

(2) HAI: International Conference on Human-Agen...

(1) International Journal of Social Robotics **WOS**

(1) Transportation Research Part C: Emergi... **WOS**

(1) HRI: ACM/IEEE International Conference on H...

Barriers to AV Bus Acceptance: A National Survey and Research Agenda

Published: Mar 2021 in International Journal of Human-Computer Interaction
DOI: 10.1080/10447318.2021.1886485

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How internal and external risks affect the relationships between trust and driver behavior in automated driving systems

Published: Feb 2021 in Transportation Research Part C: Emerging Technologies
DOI: 10.1016/J.TRC.2021.102973

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Robots and COVID-19: Re-imagining Human–Robot Collaborative Work in Terms of Reducing Risks to Essential Workers

Published: 2021 in SSRN Electronic Journal
DOI: 10.2139/SSRN.3767609

A Meta-Analysis of Human Personality and Robot Acceptance in Human-Robot Interaction

Published: 2021 in SSRN Electronic Journal
DOI: 10.2139/SSRN.3768022

How Internal and External Risks Affect the Relationships Between Trust and Driver Behavior in Automated Driving Systems

Published: 2021 in SSRN Electronic Journal
DOI: 10.2139/SSRN.3769197

Human Robot Team Design

Published: Nov 2020 in HAI: International Conference on Human-Agent Interaction
DOI: 10.1145/3406499.3418751

Personality in Healthcare Human Robot Interaction (H-HRI)

Published: Nov 2020 in HAI: International Conference on Human-Agent Interaction
DOI: 10.1145/3406499.3415075

Real-Time Estimation of Drivers' Trust in Automated Driving Systems

Published: Sep 2020 in International Journal of Social Robotics
DOI: 10.1007/S12369-020-00694-1

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A Usability Study of Low-Cost Wireless Brain-Computer Interface for Cursor Control Using Online Linear Model

Published: Aug 2020 in IEEE Transactions on Human-Machine Systems
DOI: 10.1109/THMS.2020.2983848

2

Comparing the Effects of False Alarms and Misses on Humans' Trust in (Semi)Autonomous Vehicles

Published: Mar 2020 in HRI: ACM/IEEE International Conference on Human-Robot Interaction
DOI: 10.1145/3371382.3378371

A Review of Personality in Human–Robot Interactions

Published: 2020 in Foundations and Trends® in Information Systems

DOI: 10.1561/29000000018

An Automated Vehicle (AV) like Me? The Impact of Personality Similarities and Differences between Humans and AVs

Published: 2019 in SSRN Electronic Journal

DOI: 10.2139/SSRN.3446005

Publons Verified reviews

REVIEWER SUMMARY

(1) IEEE Transactions on Human-Machine ... **WOS**

All Reviews

REVIEWER SUMMARY

IEEE RO-MAN The International Symposium on Robot and Human Interactive Communication, (IEEE RO-MAN)

ACM/IEEE International Conference on Human-Robot Interaction (HRI)

IEEE International Symposium on Robot and Human Interactive Communication

AIS Transactions on Human-Computer Interaction

Proceedings of the International Conference on Design Science Research in Information Systems and Technology - DESRIST

Transportation Research Part C: Emerging Technologies

International Conference on Information Systems

European Conference on Information Systems (ECIS)