Lisa Orii

Ph.D. Student in Computer Science & Engineering
Human-Computer Interaction, Information and Communication Technologies for Development

Paul G. Allen School of Computer Science & Engineering
University of Washington, Seattle, WA, USA

lisaorii@cs.washington.edu / 781.666.7120
lisaorii.github.io

EDUCATION

Sept 2021 – Present	**University of Washington** Ph.D. in Computer Science & Engineering Advisor: Professor Richard Anderson
Aug 2017 – June 2021	**Wellesley College** B.A. in Computer Science and Philosophy *Magna Cum Laude, Phi Beta Kappa, Sigma Xi*
Sept 2019 – Dec 2019	**University of Oxford Worcester College** Visiting student in Computer Science and Philosophy

AWARDS

2020	**Funai Overseas Scholarship** Awarded Ph.D. fellowship that covers tuition, stipend, and living expenses for two years.
2020	**Grace Hopper Celebration 2020 Scholarship**
2017	**Japan Student Services Organization (JASSO) Scholarship** Awarded scholarship to pursue undergraduate studies in the U.S. for four years.
2017	**Grew Bancroft Foundation Scholarship** Awarded scholarship to study at an American liberal arts college for four years.
2017	**Kanazawa Iwao Memorial Foundation Scholarship** Awarded scholarship to pursue undergraduate studies in the U.S. for one year.

RESEARCH PROJECTS

May 2022 – Present	**Mobile Medical Record Systems for HIV Care in Malawi** *Advised by Professor Richard Anderson (University of Washington ICTD Lab) and Professor Caryl Feldacker (University of Washington Dept. of Global Health)* Leading the investigation of the perspectives of healthcare workers, HIV patients, and members of Malawi's Ministry of Health to improve mobile medical record systems that support HIV care in Malawi. Conducted fieldwork at HIV clinic in Malawi in Sept 2022.
Jan 2022 – Present	**Designs for Recording and Sharing Menopause Experiences Across Generations** *(University of Washington)*

Investigating designs for recording and sharing menopause experiences across generations.

Jan 2022 – Apr 2022	**University of Washington ICTD Lab**
	Advised by Professor Richard Anderson (University of Washington ICTD Lab)
	Investigating COVID-19 data underreporting in Uganda and Ghana.

Sept 2021 – Dec 2021	**Socio-Economic Correlates of Urban Accessibility**
	Advised by Professor Jon E. Froehlich (University of Washington Makeability Lab)
	Explored correlations between sidewalk presence and quality and socio-demographics.

Apr 2020 – May 2022	**Speech Practice Systems to Improve Self-Perceptions**
	Advised by Professor Takuji Narumi (University of Tokyo Cyber Interface Lab)
	Led a project that investigated the impact of listening to speech role models and voice manipulation on the self-perception of voice.

Sept 2020 – July 2021	**Truck Drivers' Perspectives on Automation**
	Advised by Professor Orit Shaer (Wellesley College HCI Lab)
	Led a project that analyzed the perspective of truck drivers on automation in the trucking industry.

Jan 2020 – Dec 2020	**Developing an Urban Well-Being Index**
	Advised by Dr. Luis Alonso (MIT Media Lab City Science Research Group)
	Led the formulation of an urban metric that predicted well-being in urban environments.

Sept 2019 – May 2020	**MIT CSAIL Clinical Decision-Making Group**
	Advised by Dr. Di Jin (MIT CSAIL Clinical Decision-Making Group)
	Contributed to building a model that generated attractive news headlines with various writing styles.

Feb 2019 – Aug 2019	**Designing a Low-Cost Kit for Ecosystem Monitoring**
	Advised by Professor Danielle Wood (MIT Media Lab Space Enabled Research Group)
	Designed and engineered a sensor kit that monitored the health ecosystem in Benin with low-cost sensors, wireless data transmission, and rechargeable solar battery.

PUBLICATIONS

CONFERENCE PAPERS

2022   [C.3]   **Lisa Orii**, Nami Ogawa, Yuji Hatada, and Takuji Narumi. 2022. Designing for Speech Practice Systems: How Do User-Controlled Voice Manipulation and Model Speakers Impact Self-Perceptions of Voice?. In *CHI Conference on Human Factors in Computing Systems (CHI '22).*

2021   [C.2]   **Lisa Orii***, Diana Tosca*, Andrew Kun, and Orit Shaer. Perceptions of Trucking Automation: Insights from the r/Truckers Community. *In Proceedings of the 13th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (AutomotiveUI' 21).*

2020   [C.1]   Di Jin, Zhijing Jin, Joey Tianyi Zhou, **Lisa Orii**, and Peter Szolovits. Hooks in the Headline: Learning to Generate Headlines with Controlled Styles. *In Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL 2020).*

JOURNALS

2020   [J.1]   **Lisa Orii**, Luis Alonso, Kent Larson. Methodology for Establishing Well-Being Urban Indicators at the District Level to be used on the CityScope Platform. *Sustainability* 2020, *12*, 9458.

ABSTRACTS & POSTERS

2021   [EA.2]   **Lisa Orii***, Diana Tosca*, Andrew Kun, and Orit Shaer. Perceptions on the Future of Automation in r/Truckers. In *Proceedings of CHI '21 Extended Abstracts on Human Factors in Computing Systems (CHI EA '21)*.

2019   [EA.1]   Danielle Wood, Fohla Mouftaou, Temilola Fatoyinbo, David Lagomasino, Ufuoma Ovienmhada, Eric Ashcroft, Lelia Hampton, **Lisa Orii**, TojumiOluwa Adegboyega, Anisha Nakagawa and Julliet Wanyiri. (2019, December). Co-Designing an Environmental Observatory to Support Eco-Entrepreneurship in Benin. *In AGU Fall Meeting Abstracts* (Vol. 2019, pp. GC53B-01).

TEACHING & TUTORING

2021 **CS349H Human-Automation Interaction** *Computer Science, Wellesley College*
2021 **CS220 Human-Computer Interaction** *Computer Science, Wellesley College*
2020 **Research Mentorship Program** *Kumon Kokusai Gakuen*
2018 **Calculus II** *Mathematics, Wellesley College*

SERVICE & VOLUNTEERING

May 2015 – Present **Parasaiyo Member** *Tokyo, Japan; Tagaytay, Philippines*
Supporting foster children in the Philippines in their pursuits for higher education. Organizes charity events in Japan to raise donation funds. Makes annual visits to foster home.

Apr 2022 – June 2022 **ICTD 2022 Student Volunteer Chair** *Seattle, WA, USA*

June 2022 **ACM COMPASS 2022 Student Volunteer** *Seattle, WA, USA*

Mar 2022 – June 2022 **UW ICTD Seminar Co-Organizer** *Seattle, WA, USA*

Nov 2021 – Dec 2021 **UW Pre-Application Mentorship Service Volunteer** *Seattle, WA, USA*

Sept 2021 **Automotive UI 2021 Student Volunteer** *Remote*

Sept 2017 – May 2018 **Chinatown Afterschool Program Mentor** *Boston, MA, USA*
Assisted with providing afterschool instruction for children living in Boston's Chinatown. Supported learning for third grade students.