Lisa Orii

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

HONORS & AWARDS

2020	**Funai Overseas Scholarship**
2020	**Grace Hopper Celebration 2020 Scholarship**
2017	**Japan Student Services Organization (JASSO) Scholarship**
2017	**Grew Bancroft Foundation Scholarship**
2017	**Kanazawa Iwao Memorial Foundation Scholarship**

EXPERIENCE

Sept 2021 – Present	**University of Washington Makeability Lab** Graduate Researcher *with Professor Jon E. Froehlich* Exploring labeling datasets of sidewalks to examine the correlates between urban infrastructure and socio-demographics.
Apr 2020 – Sept 2021	**University of Tokyo Cyber Interface Lab** Research Intern *with Professor Takuji Narumi*

Led a project that investigated the impact of listening to speech role models and voice manipulation on the perception of speech and voice.

Sept 2020 – July 2021   **Wellesley College Human-Computer Interaction Lab**
Undergraduate Research Assistant *with Professor Orit Shaer*
Led a project that analyzed the perspective of truck drivers on automation in the trucking industry.

Jan – Dec 2020   **MIT Media Lab City Science Research Group**
Undergraduate Research Assistant *with Dr. Luis Alonso*
Led the formulation of an urban metric that predicted well-being in urban environments.

Sept 2019 – May 2020   **MIT CSAIL Clinical Decision-Making Group**
Undergraduate Research Assistant *with Dr. Di Jin*
Performed NLP research to develop a model that generated attractive news headlines with various writing styles.

Feb – Aug 2019   **MIT Media Lab Space Enabled Research Group**
Undergraduate Research Assistant *with Professor Danielle Wood*
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

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).*

JOURNAL PUBLICATIONS

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.

EXTENDED ABSTRACTS & POSTER PAPERS

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.** *CS. Wellesley College.*
CS220 Human-Computer Interaction. *CS. Wellesley College*
2020   **Research Mentorship Program.** *Kumon Kokusai Gakuen*
2018   **Calculus II.** *Mathematics. Wellesley College*

VOLUNTEER WORK

May 2015 – Present   **Parasaiyo**
Aids foster children in the Philippines for their pursuits for higher education.

Sept 2017 – May 2018   **Chinatown Afterschool Program**
Assisted with providing afterschool instruction for children living in Boston's Chinatown.