# 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
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## 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
*Summa 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 EXPERIENCEs

*Jan 2022 – Present*   **University of Washington ICTD Lab**
Graduate Researcher *with Professor Richard Anderson*
Investigating COVID-19 data underreporting in Uganda and Ghana.

*Sept 2021 – Dec 2021*   **University of Washington Makeability Lab**
Graduate Researcher *with Professor Jon E. Froehlich*
Explored correlations between sidewalk presence and quality 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 self-perception of 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*
Contributed to buildling 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

*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).*

### 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.

### 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** *Computer Science, Wellesley College*
           **CS220 Human-Computer Interaction** *Computer Science, 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. Organizes charity events in Japan to raise donation funds. Makes annual visits to foster home.

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