

# Lisa Orie

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

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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.

## EXPERIENCE

*Jan 2022 – Present*    **University of Washington**  
Investigating designs for recording and sharing menopause experiences across generations.

*Jan 2022 – Apr 2022*    **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 2020 – 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 building a model that generated attractive news headlines with various writing styles.
- Feb 2019 – 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 58<sup>th</sup> 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 Oviemhada, 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.