

# Seita Kayukawa

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## Education

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<b>Apr. 2018 - Present</b>	Master of Engineering, Graduate School of Advanced Science and Engineering, Waseda University. Advisor: Shigeo Morishima
<b>Apr. 2014 - Mar. 2018</b>	Bachelor of Science, Department of Applied Physics, Waseda University. Advisor: Shigeo Morishima

## Work Experience

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<b>May 2018 - Sep. 2018</b>	Research Intern, Robotics Institute, Carnegie Mellon University. Advisor: Chieko Asakawa, Kris Kitani
<b>Apr. 2017 - Present</b>	Assistant Researcher, JST ACCEL, OngaACCEL Project.

## Research Interests

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Human-Computer Interaction, Accessibility, Video Browsing

## Publications

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- [1] **Seita Kayukawa**, Keita Higuchi, João Guerreiro, Shigeo Morishima, Yoichi Sato, Kris Kitani, and Chieko Asakawa. 2019. **BBeep: A Sonic Collision Avoidance System for Blind Travellers and Nearby Pedestrians**. In *Proc. ACM CHI Conference on Human Factors in Computing Systems (CHI '19)*. DOI: <http://dx.doi.org/XXXXXXXXXXXXXX> (to appear)

- [2] **Seita Kayukawa**, Keita Higuchi, Ryo Yonetani, Masanori Nakamura, Yoichi Sato, and Shigeo Morishima. 2018. **Dynamic Object Scanning: Object-Based Elastic Timeline for Quickly Browsing First-Person Videos**. In *Proc. ACM Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems (CHI '18 LBW and DEMO)*.  
DOI: <http://dx.doi.org/10.1145/3170427.3189085>

## Scholarship

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- [1] Visiting support from Super Global University (SGU), Japan. (May 2018 - Sep. 2018)
- [2] Japan Student Services Organization (JASSO) Scholarship for short-term study abroad, Japan. (May 2018 - Aug. 2018)

## Skills

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**Programming Languages:** C++, Python, HTML, CSS

**Libraries / Platforms:** OpenCV, PyQt, openFrameworks

**OS:** macOS, Ubuntu

**Others:** Adobe CC (Illustrator, Photoshop, Premiere Pro)

User Studies, Statistical Analysis

Machine Learning, Courcesra MOOC by Andrew NG, Nov. 2018

Updated: Dec. 12, 2018