Seita Kayukawa

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Education

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

Work Experience

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

Research Interests

Human-Computer Interaction, Accessibility, Video Browsing

Publications

[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/XXXXXXXXXXXXX   (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

[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

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