

# Xiaoxuan HEI

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## EDUCATION

<b>Oct 2022 -</b>	Institut Polytechnique de Paris, Palaiseau 92, Ph.D.
<b>Sept 2019 - Sept 2020</b>	Université Paris-Saclay, Saclay 91, Master diploma, Data & Knowledge
<b>Sept 2017 - Sept 2020</b>	Polytech Paris-Saclay, Saclay 91, Engineering diploma, Computer Science
<b>Sept 2014 - June 2018</b>	Huazhong University of Science and Technology, Wuhan, China Bachelor diploma, Optoelectronic Information

## PROFESSIONAL EXPERIENCES

<b>From Jan 2021</b>	Big data engineer, New Oriental Education & Technology Group, Beijing, China Build buried point system; build Change Data Capture system; develop Data Warehouse Service etc.
<b>Aug 2018 - Sept 2018</b>	Intern, interpreter at the police office, Paris Chinese-French translation for tourists

## Publications

<b>Oct 2024</b>	García Cárdenas, J.J., <b>Hei, X.</b> , and Tapus, A., 2024, October. Exploring Cognitive Load Dynamics in Human-Machine Interaction for Teleoperation: A User-Centric Perspective on Remote Operation System Design. In 2024 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) IEEE.
<b>Aug 2024</b>	<b>Hei, X.</b> , Zhang, H. and Tapus, A., 2024, August. Exploring Help-Seeking Behavior, Performance, and Cognitive Load in Individual Tutoring: A Comparative Study between Human Tutors and Social Robots. In 2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) IEEE.
<b>Aug 2024</b>	Zhang, H., <b>Hei, X.</b> , García Cárdenas, J.J., Miao, X. and Tapus, A., 2024, August. Toward a Multi-dimensional Humor Dataset for Social Robots In 2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) IEEE.
<b>Aug 2024</b>	Zhang, H., <b>Hei, X.</b> , Zhong J. and Tapus, A., 2024, August. Robot Laughter: Does an appropriate laugh facilitate the robot's humor performance? In 2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) IEEE.
<b>Mar 2024</b>	<b>Hei, X.</b> , Yu, C., Zhang, H. and Tapus, A., 2024, March. A Bilingual Social Robot with Sign Language and Natural Language. In Companion of the 2024 ACM/IEEE International Conference on Human-Robot Interaction (pp. 526-529).
<b>Mar 2024</b>	Zhang, H., Yu, C., <b>Hei, X.</b> and Tapus, A., 2024, March. Semantic Gesture in Robot Humor: A New Dimension to Enhance the Humor Expression. In Companion of the 2024 ACM/IEEE International Conference on Human-Robot Interaction (pp. 1173-1177).
<b>Dec 2023</b>	<b>Hei, X.</b> , Denis, V., Oréface, P., Afyouni, A., Laborde, P., Legois, D., Ocnareescu, I., Anastassova, M. and Tapus, A., 2023, December. Evaluating Students' Experiences in Hybrid Learning Environments: A Comparative Analysis of Kubi and Double Telepresence Robots. In International Conference on Social Robotics (pp. 148-159).

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<b>Aug 2023</b>	<b>Hei, X.</b> , Zhang, H. and Tapus, A., 2023, August. Robots in education: Influence of Regulatory Focus Theory. In 2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN) (pp. 2562-2568). IEEE.
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<b>Dec 2022</b>	Yu, C., Zhang, H., Shangguan, Z., <b>Hei, X.</b> , Cangelosi, A. and Tapus, A., 2022, December. Speech-Driven Robot Face Action Generation with Deep Generative Model for Social Robots. In International Conference on Social Robotics (pp. 61-74).
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## **HONORS**

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<b>June 2018</b>	Honor of Outstanding Graduates, HUST
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<b>Mai 2017</b>	Honor of Excellent Student, HUST
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<b>Mai 2016</b>	Honor of Excellent Student Cadre, HUST
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## **LANGUAGES**

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<b>Languages</b>	Chinese- mother tongue	English - fluent
	French- fluent	Korean - intermediate

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