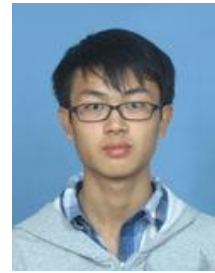


Yang Chen

Phone: 81-07039953300 | **Email:** chenyang@ai.iit.tsukuba.ac.jp

Address: Tsukuba shi, Tsukuba University, Oikoshi dormitory



Education

- Bachelor: Jilin University *September 2013- June 2017*
Bachelor of pilot program in engineering (Mechanical Engineering and Automation)
Average: 81.17/100
- Ph.D program in Empowerment Informatics
University of Tsukuba *April 2018-March 2023*
Development of a sharing control system for a standing mobility vehicle

Scientific research experience

- MEMS Laboratory of Jilin University *April 2016- June 2017*
Explore the way of designing the piezoelectric dividing structure to both realize the stress distributing evenly and achieve largest output voltage
- Research student in Intelligent Interaction Technologies:
University of Tsukuba *October 2017- March 2018*
Research topic: A standing mobility vehicle
- Artificial intelligence Lab in University of Tsukuba *April 2018- May 2018*
6-week project: Autonomous obstacle avoidance vehicle
- EMP Project based research *April 2018-December 2018*
Development of VR Alice's Experience System: "Does human body size affect recognition of environment?"

Honors & Awards

- Jilin University third-class scholarship *September 2015 & September 2016*
- Mathematical Modeling Contest Third Prize *December 2015*
- 1st prize in First Robotics Competition of Jilin University *March 2017-May 2017*
- Finalist in Toyota Mobility Challenge *April 2018-September 2020*

Activities

- Interdisciplinary Workshop for Leading Students 2018 (IW4LS): 1st prize in final presentation *April 2018*
- Summer workshop Vitality& City in Netherlands *August 2018*
- Summer workshop in Waseda University: 1st prize in final presentation *October 2018*
- Visit Shiseido Museum, NEC laboratory, Hitachi laboratory, Fujitsu laboratory

Languages

- Chinese(native), English, a little bit Japanese

Computer skills

- CATIA, AutoCAD, Fusion 360, Adams, Matlab, Arduino programming, C programming, Python, Linux, ROS, C++