
Yu Shiqi

contact

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languages

Chinese mother tongue
English fluency
Japanese fluency

programming

C++, Python, Java, matlab

mathematics

WolframAlpha

publication

Latex, Microsoft Office

graphics

Illustrator, Photoshop, Premiere

design & modeling

Inventor, Solidworks, Sketchup

microprocessor IDE

CCSTUDIO, Arduino, mbed

circuit design

Multisim, Xilinx

operation system

Windows, Linux, Mac

career

2016-now **Master of Engineering**

Affiliation: System Innovation, Engineering Science
Specialization: Intelligent Robotics

2015-2016 **Research Student**

Affiliation: Systems Science, Engineering Science
Specialization: Intelligent Systems Science

2011-2015 **Bachelor of Engineering**

Affiliation: Automation of Electrical Engineering
Specialization: Automotive System Engineering

education

04/2016 **Osaka University, Japan**

-Now
Master Student

Main research topics:

- Development of a spinal robot composed with actuation modules using Actuator Network System
- Development of adaptive elastic anthropomorphic robotic hand

10/2015 **Osaka University, Japan**

-02/2016
Research Student

03/2015 **Tsukuba University, Japan**

-09/2014
Exchange Student

Main tasks:

- Course study in school of informatics, college of media arts, science and technology

09/2011 **Zhejiang University, China**

-07/2014
Bachelor Thesis

and
Topic: "Study of high speed, high accuracy continuous positioning servo system"

04/2015
-07/2015

relevant experience

07/2017 **Poster presentation on IEEE-RAS Summer School on Soft Manipulation**

Title: Research of Robotic Spine Composed of Actuation Modules Mechanism

02/2014 **Internship in Institute of industrial engineering and logistics optimization, Northeastern University, China**

Main tasks: Learning on SVM and logistics system

07/2012 **Teaching Assistant of Bridging the World organization**

Main tasks: American English and American culture interpreting and teaching towards mid-school Chinese students

awards

- 04/2016 **Scholarship**
-Now supported by Kashiyama Scholarship Foundation
- 06/2014 **Third Prize of National (China) Biomedical Electronic Innovation Design Contest**
Team leader
Project name: An energy efficient mobile electrocardiogram monitor
- 12/2013 **Outstanding paper award of Summer Social Practice of Zhejiang University**
As advanced individual meantime

personal interests

travel, music, photography, otaku culture, robot design & making

publications

international journal

Journal of Artificial Life and Robotics

Shiqi Yu, Yoshihiro Nakata, Yutaka Nakamura, Hiroshi Ishiguro. A design of robotic spine composed of parallelogram actuation modules, 2017, 10.1007/s10015-017-0383-0.

International conference

22nd International Symposium on Artificial Life and Robotics 2017

Shiqi Yu, Yoshihiro Nakata, Yutaka Nakamura, Hiroshi Ishiguro. "A design of robotic spine composed by parallelogram actuation modules", 22nd International Symposium on Artificial Life and Robotics 2017 (AROB 22nd 2017), B-Con PLAZA, Beppu, JAPAN, pp. 420-423