
Shiqi Yu(于 士琪)

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

career

2018-now **Ph.D. candidate**

Affiliation: System Innovation, Engineering Science
Specialization: Intelligent Robotics

2016-2018 **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

04/2018 **Osaka University, Japan**

-now
Doctor Student

Main research topics:

- Smart Robotics with Machine Learning

04/2016 **Osaka University, Japan**

-03/2018
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
04/2015
-07/2015
Topic: "Study of high speed, high accuracy continuous positioning servo system"

relevant experience

- 12/2017 **Outreach event: HUMANWARE Lab Café in Osaka**
Main tasks: Poster presentation of Lab research
- 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

- 03/2018 **Competitive Research Funds, 870,000 JPY**
-now
Main research Topic:
Emotion Expression of Robots by Implementing Human-like Motion
- 03/2018 **Scholarship**
-now
Supported by Japanese government by "Leading Program" budgets
- 04/2016 **Scholarship**
03/2018
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