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## PROFILE

The first year student in doctor course at the University of Tokyo in the JSK Laboratory.  
I'm major in robotics especially the behavior of home assistant robot.

## EXPERIENCE

SOFTWARE ENGINEER, FOVE INC., JAPAN – 2014-PRESENT

In the startup "FOVE" which is supported by Microsoft Ventures London Accelerator,  
I'm a chief software engineer for researching and developing fast and accurate gaze  
tracking system applicable on the world first eye tracking head mount display.

SOFTWARE ENGINEER/DIRECTOR, OKTAL JAPON INC., FRANCE/JAPAN  
– 2014-PRESENT

Research and development of modules for ADAS (Advanced Driver Assistive Systems)  
and AFS(Adaptive Front-lighting System) in vehicle simulator environment.

iOS DEVELOPMENT TEAM LEADER, UNIPRO INC., JAPAN – 2011-2013

A leader of iOS mobile application development team, which released more than 10  
apps, and research and development of fast and less-memory image recognition  
engine for specific object optimized for smartphone.

## EDUCATION

the University of Tokyo – master, 2014-present  
the University of Tokyo – bachelor, 2010-2014

## SKILLS

Lisp, Python, C++, C#, Objective-C++. Scala, OpenCV, PCL, Linux, Windows, OSX, ROS

## ROBOT SKILLS

PR2 (Willow Garage), Baxter (Rethink Robotics), Turtlebot(Open Source Robotics Foundation)

## REFERENCES

1. Yuki FURUTA, Yuto INAGAKI, Youhei KAKIUCHI, Kei OKADA, Masayuki INABA:  
PR2 Tidies-up room (In Japanese),  
in The 31th Annual Conference on Robotics Society of Japan, 112-02, 2013.
2. Yohei Kakiuchi, Yuki Furuta, Hiroyuki Mikita, Shunichi Nozawa, Kei Okada, Masayuki Inaba:  
Automatically Generating System of Hierarchized Interruptible Task Execution Machine  
for Assistant Robot,  
in Proceedings of The 19th Robotics Symposia, pp.631-636, 2014.
3. Yuki FURUTA, Yohei KAKIUCHI, Hiroyuki MIKITA, Ryohei UEDA, Kei OKADA,  
Masayuki INABA:  
Onsite Interruptable Action Management System on Daily Assistant Robot,  
in 2014 JSME Conference on Robotics and Mechatronics, 1P2-Q06, 2014.
4. Yuki Furuta, Yuto Inagaki, Kei Okada, Masayuki Inaba:  
Self-improving Robot Action Management System with Probabilistic Graphical Model  
based on Task Related Memories, in 14th IAS, 2016 (submitted)