

Ryo Morishima

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EDUCATION	Keio University , Kanagawa, Japan	
	<ul style="list-style-type: none">▪ M.S. in Center for Information and Computer Science • GPA: 3.7 / 4.0	Apr 2019 – Current
	<ul style="list-style-type: none">▪ B.S. in System design engineering • Focused on Control engineering and C programming • GPA: 3.7 / 4.0 (Top 8%)	Apr 2015 – Mar 2019
RESEARCH EXPERIENCE	West Lab , Faculty of Science and Technology, Keio University	
	<ul style="list-style-type: none">▪ Development of Network Infrastructure in Smart Community • Developing Service-oriented Router (SoR), which can DPI by using DPDK	Apr 2018 – Current
	<ul style="list-style-type: none">▪ Smart and Secure Cities and Communities Challenge Expo, Washington DC, USA • Orchestrated an exhibition of Saitama City Smart Community Project	Jul 2018
PUBLICATIONS	Conferences	
	[1] R. Morishima and H. Nishi, “Network Transparent Fog-based IoT Platform for Industrial IoT,” <i>IEEE International Conference on Industrial Informatics, INDIN’19</i> , Helsinki-Espoo, Finland, Jul 2019.	
AWARDS & SCHOLARSHIPS	Mantani Memorial Scholarship	Jun 2019
	<ul style="list-style-type: none">▪ Awarded a scholarship of JPY 1600k (USD14.8k)	
	Keio Alumni Association Scholarship	May 2018
	<ul style="list-style-type: none">▪ Awarded a scholarship of JPY 600k (USD5.3k)	
WORK EXPERIENCE	Intel , Tokyo, Japan	Aug 2019 – Current
	<ul style="list-style-type: none">▪ Intel Developer Conference in Oct 2019 • Implemented original demo which shows a new feature of Intel 100 GbE NIC▪ Intel Customer center exhibition • Created RFID Sensor Platform demo which is installed in the customer center	
CAMPUS ACTIVITIES	Tokyo Student Guide Group , Tokyo, Japan	Apr 2016 – Mar 2019
	<ul style="list-style-type: none">▪ Organization leader • Optimized workflow by clustering the team into smaller groups in order to implement various initiatives with agility • Improved work efficiency by changing meeting style and building positive working relationship	
	Keio Alpenverein , Climbing and mountaineering club, Kanagawa, Japan	Apr 2015 – Current
	<ul style="list-style-type: none">▪ Freshman trainer • Learned teamwork and patience by winter mountaineering for 5 days	
	KINEKO International Children’s Film Festival , Tokyo, Japan	May 2015
	<ul style="list-style-type: none">▪ Student Volunteer • Rationalized inventory of a gift shop by analyzing revenue trend	
SKILLS	Programming in C with Data Plane Development Kit (DPDK)	
	<ul style="list-style-type: none">▪ Contributed to the development of Service-oriented Router (SoR) as a graduation research▪ Created a new function which can transparently modify contents of TCP payload of packets on SoR▪ Developed a new function which create transparent acknowledge packets on SoR▪ Implemented an Address Resolution Protocol (ARP) on SoR	
	Networking	
	<ul style="list-style-type: none">▪ Obtained Interconnecting Cisco Networking Devices Part 1 (ICND1)	
	Word and Excel	
	<ul style="list-style-type: none">▪ Obtained Microsoft Office 2013 Expert certification	