

Ryo Morishima

rmkm912@gmail.com | GitHub

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▪ B.S. in System design engineering • Focused on Control engineering and C programming • GPA: 3.7 / 4.0 (Top 8%)	<div>Apr 2019 – Current</div> <div>Apr 2015 – Mar 2019</div>
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▪ Smart and Secure Cities and Communities Challenge Expo, Washington DC, USA • Orchestrated an exhibition of Saitama City Smart Community Project	<div>Apr 2018 – Current</div> <div>Jul 2018</div>
PUBLICATIONS	Conferences	
	<ul style="list-style-type: none">[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.[2] M. Hashimoto, R. Morishima and H. Nishi, “Low-Information-Loss Anonymization of Trajectory Data Considering Map Information,” <i>2020 IEEE 29th International Symposium on Industrial Electronics (ISIE)</i>, Delft, Netherlands, Jul 2020.	
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 , Application Engineer, 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 CCNA Routing and Switching	Jan 2020
	Word and Excel	
	<ul style="list-style-type: none">▪ Obtained Microsoft Office 2013 Expert certification	