

# Ryo Morishima

rmkm912@gmail.com | GitHub

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|-----------------------|---|---|
| EDUCATION             | <b>Keio University</b> , Kanagawa, Japan  |   |
|                       | <ul style="list-style-type: none"><li>▪ M.S. in Center for Information and Computer Science<br/>• GPA: 3.7 / 4.0</li><li>▪ B.S. in System design engineering<br/>• Focused on Control engineering and C programming<br/>• GPA: 3.7 / 4.0 (Top 8%)</li></ul>   | Apr 2019 – Current<br>Apr 2015 – Mar 2019 |
| RESEARCH EXPERIENCE   | <b>West Lab</b> , Faculty of Science and Technology, Keio University  |   |
|                       | <ul style="list-style-type: none"><li>▪ Development of Network Infrastructure in Smart Community<br/>• Developing Service-oriented Router (SoR), which can DPI by using DPDK</li><li>▪ Smart and Secure Cities and Communities Challenge Expo, Washington DC, USA<br/>• Orchestrated an exhibition of Saitama City Smart Community Project</li></ul>  | Apr 2018 – Current<br>Jul 2018            |
| PUBLICATIONS          | <b>Conferences</b>  |   |
|                       | [1] <a href="#">R. Morishima</a> 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 | <b>Mantani Memorial Scholarship</b>   | Jun 2019                                  |
|                       | <ul style="list-style-type: none"><li>▪ Awarded a scholarship of JPY 1600k (USD14.8k)</li></ul>   |   |
|                       | <b>Keio Alumni Association Scholarship</b>  | May 2018                                  |
|                       | <ul style="list-style-type: none"><li>▪ Awarded a scholarship of JPY 600k (USD5.3k)</li></ul>   |   |
| WORK EXPERIENCE       | <b>Intel</b> , Application Engineer, Tokyo, Japan   | Aug 2019 – Current                        |
|                       | <ul style="list-style-type: none"><li>▪ Intel Developer Conference in Oct 2019<br/>• Implemented original demo which shows a new feature of Intel 100 GbE NIC</li><li>▪ Intel Customer center exhibition<br/>• Created RFID Sensor Platform demo which is installed in the customer center</li></ul>  |   |
| CAMPUS ACTIVITIES     | <b>Tokyo Student Guide Group</b> , Tokyo, Japan   | Apr 2016 – Mar 2019                       |
|                       | <ul style="list-style-type: none"><li>▪ Organization leader<br/>• Optimized workflow by clustering the team into smaller groups in order to implement various initiatives with agility</li><li>• Improved work efficiency by changing meeting style and building positive working relationship</li></ul>  |   |
|                       | <b>Keio Alpenverein</b> , Climbing and mountaineering club, Kanagawa, Japan   | Apr 2015 – Current                        |
|                       | <ul style="list-style-type: none"><li>▪ Freshman trainer<br/>• Learned teamwork and patience by winter mountaineering for 5 days</li></ul>  |   |
|                       | <b>KINEKO International Children’s Film Festival</b> , Tokyo, Japan   | May 2015                                  |
|                       | <ul style="list-style-type: none"><li>▪ Student Volunteer<br/>• Rationalized inventory of a gift shop by analyzing revenue trend</li></ul>  |   |
| SKILLS                | <b>Programming in C with Data Plane Development Kit (DPDK)</b>  |   |
|                       | <ul style="list-style-type: none"><li>▪ Contributed to the development of Service-oriented Router (SoR) as a graduation research</li><li>▪ Created a new function which can transparently modify contents of TCP payload of packets on SoR</li><li>▪ Developed a new function which create transparent acknowledge packets on SoR</li><li>▪ Implemented an Address Resolution Protocol (ARP) on SoR</li></ul> |   |
|                       | <b>Networking</b>   |   |
|                       | <ul style="list-style-type: none"><li>▪ Obtained CCNA Routing and Switching</li></ul>   | Jan 2020                                  |
|                       | <b>Word and Excel</b>   |   |
|                       | <ul style="list-style-type: none"><li>▪ Obtained Microsoft Office 2013 Expert certification</li></ul>   |   |