

# JaeYoung Hwang

**Nationality:** South Korean (Republic of Korea)

 (+82) 1085167922

**Date of birth:** 25/06/1990

**Gender:** Male

 **Email address:** [forest62590@gmail.com](mailto:forest62590@gmail.com)

 **Website:** <https://hwangjaeyoung.github.io/>

 **Address :** Gwangju, Gyeonggi-do (South Korea)

## EDUCATION AND TRAINING

---

**Ph.D, Computer Engineering**

**Sejong University** [ 01/09/2015 – 21/08/2020 ]

**Address:** Seoul (South Korea)

**Final grade :** 4.27/4.5

**B.S, Computer Engineering**

**Sejong University** [ 02/03/2009 – 21/08/2015 ]

**Address:** Seoul (South Korea)

**Final grade :** 3.49/4.5

## MILITARY SERVICE

---

**Sergeant, Republic of Korea Defense Communication Command (ROKDCC)**

[ 22/02/2010 – 10/12/2011 ]

## WORK EXPERIENCE

---

**Assistant researcher**

**Autonomous IoT Research Center, Korea Electronics Technology Institute (KETI)** [

01/03/2016 – 29/02/2020 ]

**City:** Seongnam-si, Gyeonggi-do

**Country:** South Korea

- IoT relevant research (platform development, standard contribution, conformance testing tool development)
- Deep learning for the IoT services
- 5G and Edge computing for the IoT environment

## PROJECTS

---

**Fast intelligence analysis HW/SW Engine Exploiting IoT Platform for Boosting On-device AI in 5G**

[ 11/05/2020 – Current ]

- Space-time domain available context and analysis research
- Research on how to use existing context information model

## **Autonomous Management framework based on artificial intelligent Technology for adaptive and disposa**

[ 07/08/2018 – Current ]

- Design and standardization of information models for managing disposable IoT terminals, systems, and applications in Edge/Fog environments
- Development of ID processing technology when reusing disposable IoT devices

## **Synchronicity**

[ 25/06/2018 – 29/02/2020 ]

- Using deep learning and image processing technology to check the parking status
- Deliver the results to the IoT platform and use the information for supporting the web/apps

## **An open source oneM2M conformance testing tool project**

[ 22/02/2017 – 16/05/2018 ]

- oneM2MTester main contributor
- The TTCN-3 based oneM2M testing code verification which is being developed by ETSI (<http://onem2m.org/developers-corner/tools/open-source-projects>)

## **Worldwide interoperability for semantics IoT (Wise-IoT)**

[ 14/02/2016 – 23/02/2018 ]

- Analyzing the oneM2M and FIWARE
- Developing the Interworking Proxy Entity (IPE) for oneM2M-FIWARE interworking

## **Training course for web developers**

[ 02/01/2014 – 28/02/2014 ]

## **HONOURS AND AWARDS**

---

### **Meteorological Industry Start-up Contest (1st prize)**

Korea Meteorological Administration [ 24/12/2014 ]

- Prototype development of web/app service using weather big data

### **Sejong University Software Development Competition (2nd prize)**

Department of Computer Engineering, Sejong University [ 11/11/2013 ]

- Role-playing game development (Unity 3D)

### **Scholarship (4th ranked)**

Department of Computer Engineering, Sejong University [ 03/09/2012 ]

## **DIGITAL SKILLS**

---

**Python / Java / C / HTML / CSS / Linux / JSON / MySQL / Javascript / Git / JQuery**