

# HAESUNG LEE

IOT DATA SW ENGINEER

[2/10 Orwell St, Potts Point, NSW, 2011 \(Crafted GPS Map\)](#)

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## PROFILE

I am a keen IoT inventor as a hobbyist in Sydney and very passionate about IoT and Algorithms such as MACHINE LEARNING, COMPUTATIONAL STATISTICS and so on. Also, I have spent almost every day of the past 15 years making robots or electronic inventions or computer programs.

## SUMMARY OF MY SKILLS

### Web Programing

Junior Level

### HW Programing

Junior - Mid Level

### HW Development

Senior Level

## SKILL CHART

- Full-Stack
- Data Science
- [My Skill Chart](#)

HTML

CSS

JavaScript

IBM Cloud Bluemix

IBM Apache Spark

IBM Watson IoT

NodeRED

C & C++

Python

Node.js

IBM Cloudant NoSQL

MQTT

GPS & Sensors

Twilio(Phone Message)

Arduino

Raspberry Pi

Wireless Tech

PCB Artwork

## EXPERIENCE

- Open Source
- Meetup
- MOOC
- Leadership
- Stratup
- Developer
- Engineer
- [Portfolio Box](#)
- [Certificate Box](#)

### Personal Software Activities, Sydney

2013-2016

Open Source Communities:

[IBM Node-RED](#) | [Twilio Python](#) | [IBM IoT Python](#) | [Python Sense Hat](#) | [Data Science Python](#) | [IBM NoSQL Python](#) | [Python Twitter](#)

MEETUPS:

[OzBerry IoT](#) | [Sydney IoT](#) | [Sydney Python](#) | [Big Data Analytics](#)

MOOCs:

[A Developer's Guide to the IoT by IBM](#) | [Statistical Learning\(Stanford University\)](#) | [Machine Learning\(Stanford University\)](#) | [The Data Scientist's Toolbox\(Johns Hopkins University\)](#)

TEAM LEADERSHIP:

[Term 1: Developing the Leader Within You\(Hillsong Leadership College\)](#)

[Term 2: Developing the Leaders Around You\(Hillsong Leadership College\)](#)

### [AKASMA](#), South Korea

2010-2011

CEO

Designed a recycling can system to refund a electronic money.

The product name was called "[Green Can-Money System](#)".

Failed business marketing and getting fund.

### [CAS Electronics](#), South Korea

2007-2009

Junior Product Developer

Developed firmware(C&C++) of products: Weighing Controller & Indicator.

Improved failure rate of production from 30% to 2%.

**Honewell Korea(JaCC Engineering)**

2003-2007

**Junior Installment Engineer**

Installed &amp; programmed FA Controllers such as PLC, SCADA, DCS.

**EDUCATION**

- IT School
- English School
- Bachelor
- Certificate Box

**Sydney College of Business and IT, Sydney**

2015-2017

Learned HTML, CSS, JavaScript, PHP, SQL,  
Visual Basic, Visual C++, C#,  
Software Testing & Deployment, Copyright Ethics.

**Stepone Language College, Sydney**

2012-2014

Improved my English Skills such as Grammar, Writing,  
Speaking, English Conversation and Aussie Accent.

**Seoul National University of Technology, South Korea**

2007-2009

**Bachelor** of Control and Instrumentation Engineering (3.5/4.0 GPA)Invented a patent of Oxygen generator for soil (Korea Pat: 10-0734438)Awarded Korea Ministry Award of Oxygen Generator System for soilHaesung Lee — [lachasma@gmail.com](mailto:lachasma@gmail.com) — +61432399841