

HAESUNG LEE

IOT DATA SW ENGINEER

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

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[My Tech Tutorial Blog](#) || [Twitter](#)

[My Skill Chart](#)

[My GitHub](#)

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

- [My Skill Chart](#)

HTML	NodeRED	GPS & Sensors
CSS	C & C++	Twilio(Phone Message)
JavaScript	Python	Arduino
IBM Cloud Bluemix	Node.js	Raspberry Pi
IBM Apache Spark	IBM Cloudant NoSQL	Wireless Tech
IBM Watson IoT	MQTT	PCB Artwork

EXPERIENCE

- [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 & programmed FA Controllers such as PLC, SCADA, DCS.

EDUCATION

- 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 soil

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