

Paul Deng

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PROFILE

I am an Internet of Things (IoT) Cloud software engineer.
With 10 years of battle-hardened experience, I am an expert in edge computing, connecting devices to the internet and integrating with cloud services in a reliable, scalable, secure and efficient manner.

PROFESSIONAL EXPERIENCE

2019 – present **Agersens**, *Senior IoT Cloud Engineer*
2015 – 2019 **Freestyle Technology**, *Embedded Software Engineer*
2010 – 2015 **Intercel**, *Senior Software Engineer*
2008 – 2010 **Daintree Networks**, *Software Engineer*

SKILLS

Embedded

C, Contiki, FreeRTOS, Arduino, ESP8266, ATSAM4, ...

Cloud

NodeJS, Go, AWS, MQTT, RabbitMQ, protobuf, ...

Linux

Python, Bash, Ubuntu, Debian, RPi, ...

Radio

ZigBee, LoRa/LoRaWAN, WiSUN, BLE, NBIoT, ...

CERTIFICATES

AWS Certified Developer

AWS Certified Solutions Architect

AWARDS AND PATENT

2014 **NZ 603246**, *Intellectual Property Office of New Zealand*
2011 **Finalist**, *Shell Australian Innovation Challenge*

SELECTED PUBLICATIONS

2016 **AWS Administration - The Definitive Guide**
2015 **Internet of Things with Arduino Blueprints**
2010 **Sensor Web**

EDUCATION

2014 – present **MOOC**
Cloud, Android, Data Mining, Machine Learning, Golang
2006 – 2008 **University of Melbourne**,
Master of Engineering in Distributed Computing
2002 – 2006 **Southwest Petroleum University**,
Bachelor of Engineering in Software