

## Hydroponic IoT Development Programmer

Do you want to be a game changer of the green movement for Hong Kong?

Do you want to be part of the development team of a ground-breaking and sought after indoor agricultural technology?

Do you want to experience innovative and practical entrepreneurship?

### About Farmacy

Farmacy HK is an agricultural tech & innovation start-up striving to be the global game changer for green lifestyle. Next generation technology allows the largest selection of organic food products, while providing unparalleled nutritional content. We aim to expand in several major cities across Asia and beyond. Our unique positionings include:

#### **1. Innovative Solution with the Use of Farming Science**

By employing indoor hydroponic farming and IoT technology to substantially improve the food safety and increase yield per square feet, we will be able to circumvent the lack of agricultural land in Hong Kong, and ensure safe production of edible flowers and rare herbs at affordable price

#### **2. Accessible Farming in Urban Area and Neighbourhood**

We develop big data analytics and automation on smart urban farming in order to allow access to locally grown edible flowers and rare herbs for our fellow Hong Kong citizens

#### **3. Quality Assurance**

Food safety is only the basic. Through our “open-door” policy, we make our production processes fully transparent and interactive to clear any doubts that the customer might have. We guarantee what they see is what they eat.



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### Key information

<b>Available for:</b>	University postgraduates or undergraduates
<b>Type of Employment:</b>	Full Time (2-year contract before go permanent), fresh graduates are welcome
<b>Location:</b>	<b>Indoor Laboratory Farm</b> , Fashion Walk 9 Kingston, Causeway Bay, Hong Kong
<b>Areas:</b>	Innovation, Hydroponic, Technology, Green, Agriculture, Science, Engineering
<b>Job Function:</b>	Computer Science/Electrical Engineering
<b>Salary:</b>	starting from \$15,000 per month (subject to qualification & relevant experience)

### Role & Responsibilities

As our **hydroponic IoT developer**, your list of tasks includes:

- Working closely with the management and operation team on building hydroponic IoT modular system
- Reviewing current systems (both hardware and software)
- Presenting ideas, including cost proposals, for IoT system development (e.g. interface and software programming), programme coding & design
- Testing & commissioning, review and continuous improvements on IoT system
- Preparation of training manuals for users (the operation team and clients)
- Maintaining the systems once they are up and running

### Experience / Skills Requirements

- Degree / Associate Degree holder in Computer Science / Engineering or related disciplines
- Solid experience in JavaScript, HTML5, CSS and JSON
- Knowledge in cloud service, such as AWS
- Experience in Cordova, Gulp and Python is an advantage
- Knowledge in MEAN stack architecture is an advantage
- Knowledge in wireless technology and IoT protocol, such as MQTT, CoAP, is an advantage
- Independent with good analytical skills and willing to learn
- Fresh graduates are considered
- Relevant solid experience or capstone project on modular IoT devices will be an advantage

Interested parties should send their CV to [raymond@farmacyhk.com](mailto:raymond@farmacyhk.com) with date(s) of availability. All information collected shall be kept strictly confidential and only used for recruitment purpose.

### **Raymond Mak**

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