

## R&D IoT Engineer (full-time)

TRAILME is the #1 app & platform that provides real-time information during a trail running event. We strive to enhance trail running experiences and connect the trail running community with technology. [www.trailme.com.hk](http://www.trailme.com.hk)

### Role, Objective and Challenge

TRAILME is using IoT devices (beacons) to digitalize outdoor environments (e.g., trails). The role is to research and develop a new innovative and advanced SMART OUTDOOR IoT device (beacon) for geo-positioning and real time live tracking.

### Key tasks

Create a new type of IoT device (beacon) which suits better the business requirements of TRAILME. Create a very valuable IP for the company which protects our business model.

Research and develop a new innovative, advanced IoT device – SMART TRACKER which

- can be connected online –via 5G eSims / LoRa
- is equipped with audible or visual features for easy detection.
- improve the usage duration in outdoor for use cases of TRAILME by researching and defining configuration, settings operating with the BLE technology.
- Expand the usage lifetime for IoT device in outdoor – for energy consumption, maintenance scenarios, hardware specifications.

### Outcomes

- Unique advanced IoT device (beacon) which can registered as IP
- Field tested device and applicable for TRAILME
- Industrial manufactured

### Knowledge

- Strong Beacon, BLE and IoT technology
- LoRa and other wide range protocols, RFID, NFC

### Competencies

- Being systematic and structured
- Capable to describe situations in details
- Good in observation
- Self-driven and curious

### Experiences

- Hardware IoT device development
- Small-medium sized project management
- Vendor and partner management, e.g., working with universities, HW suppliers.



### IT-Skills

- Office 365 / TEAMS

### The extra mile in outdoor

- Outdoor passionate and capable to work partially outdoor

### Other requirements

- Bachelor's or master's degree (MANDATORY) – related to Science, Technology, Engineering and Mathematics
- Cantonese, Mandarin, Good in English
- Flexible work arrangements

### Key benefits

- Engage in a high innovative IoT R&D startup and growing company
- Bring your passion for outdoor sport to your workplace
- Learn from Senior Executives to run a startup
- Sponsored event participations
- Flexible office, WFH and outdoor workplace and time arrangements

### Contract

- Full-time

### For further information, see

- [www.trailme.com.hk](http://www.trailme.com.hk)
- <https://youtu.be/WKh1ocav4HE>

### Candidates

- Submit your resume
- Explain your motivation why you apply for TRAILME
- What is commitment you will bring with you
- Interview

Contact: [careers@uhey.com.hk](mailto:careers@uhey.com.hk)

### Application Method

- Email / interview

