

R&D 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

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 sophisticated asset management solution and toolset – including deploy and collect and configuration tools to support the IoT devices handling in outdoor management. The objective is to manage our and customers HW assets globally over their life-time usage.

Key tasks

Research and develop a complete tracking and status solution to monitor – lifetime our IoT devices in outdoor. Develop and apply best user interface practice for a high scalable and mass adoption solution.

The specific TRAILME platform component and solution should

- Provide complete process support for all life cycle steps in the IoT device handling.
- Support international and global usage
- Support visual and geographic location representation with linked photos
- Interface with other TRAILME components, e.g., analytics/reporting

Outcomes

- High-quality mobile App/Web solution (stability, usability, functionality)
- System and architecture documentation and how to use guidelines.

Knowledge

- BLE and IoT technology
- iOS and android OS / mobile devices

Competencies

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

Experiences

- Agile software development / UI/UX – user journeys
- Small-medium sized project management
- Vendor and partner management, e.g., working with universities, SW suppliers.



IT-Skills

- Mobile App / Web development
- AWS cloud services (e.g., EC2, S3, ..)
- Usage of GitLab
- Programming in Python, VUE framework, swift, Kotlin, ReactJS
- Mapbox

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
- Good 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
- <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

Application Method

- Email / interview

