

# Research Fellow Position at Quantum Technology Foundation (Thailand)

## Position Summary:

The Research Fellow is in charge of the main operations at QTFT, i.e. conducting research on near-term applications of quantum or related technologies, engaging with clients to tackle their challenges and building STEM-based quantum community.

## Qualification:

- PhD in STEM / quantum technologies / machine learning.
- At least 3-year experiences in Python / C++.
- Ability to conduct solid research independently.
- Ability to conduct quick literature reviews on unfamiliar topics.
- Good communication skills for both technical and non-technical audiences.

## Duties:

### 1. Client engagement:

- Formulating their problems into data analytic / machine learning / optimisation.
- Identifying relevant POC projects, quantum advantage and quantum roadmap
- Providing computational solutions using classical / quantum techniques

### 2. Software development:

- Developing core optimisation and machine learning tools using classical and quantum-inspired techniques such as tensor networks.

### 3. Academic research:

- Conducting research on near-term applications of quantum or related technologies. One paper a year is expected but not a must. Being the first author or the corresponding author is not necessary.

### 4. Outreach:

- Dedicating around 10% of the time for outreach projects such as giving talks, writing articles, hosting events, helping pre-production with QTFT's media partners.

## Benefits:

- Competitive salary
- Social security, group insurance, health insurance, annual checkups, provident fund,
- Company party & outing
- Optional one-day work from home or anywhere.
- Working alongside top-tier STEM professionals, business leaders, and industry experts.

