

Position available: visiting researcher in the Google Seoul office

Google Contact: please reach out to Aimin Zhu ([amzhu@google.com](mailto:amzhu@google.com)) for any inquiries

**(Please be noted that we would prefer referrals by focusing on model optimization).**

Type: FTC - Fixed Term Contract (for 12 months, and renewal can be evaluated / considered)

Job Description:

Google is hiring a visiting researcher to be based in the Google Seoul office. The main responsibilities are relevant to Google's ML infrastructure such as TensorFlow. TensorFlow is Google's machine learning framework and at the heart of our transformation into an AI first company. TensorFlow Model Optimization Toolkit is a suite of tools that implement techniques for optimizing machine learning models for deployment and execution. TensorFlow Lite is a set of tools to help developers run TensorFlow models on mobile and edge devices. It enables on-device machine learning inference with low latency and a small binary size.

With your research expertise in machine learning, you will contribute to various areas of model optimization on TensorFlow, including (but not limited to) knowledge distillation, quantization, pruning, meta-learning, model compression.

Duration & location:

- 12 months, with 100% time commitment (percentage of time is negotiable). Preferably starting from some time in the 2nd half of 2021.
- Google Seoul office: 24nd Floor, Gangnam Finance Center, 152 Teheran-ro, Gangnam-gu, Seoul 06236

Requirements:

- PhD graduate
- Majoring in Computer Science related discipline, specifically, machine learning infrastructure, model optimization, meta-learning, applied ML in natural language processing, computer vision, speech recognition and other domains.
- Proficiency in building and deploying machine learning models (TensorFlow, PyTorch)
- Research capabilities with published papers
- Fluent in English, both written and spoken
- Good communication skills
- Good team work and be able to work with international teams when needed