Position available: visiting researcher in the Google Seoul office

(Please be noted that we would prefer referrals by focusing on ML infrastructure (=ML pipeline, on-device ML framework, model optimization such as quantization) rather than ML verticals (=vision, language, ...)).

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 Google Seoul office. The main responsibilities are relevant to TensorFlow. TensorFlow is Google's machine learning framework and at the heart of our transformation into an AI first company. Besides being a crucial component of Google's machine learning strategy, TensorFlow is also a thriving open-source project. TensorFlow Lite is a set of tools to help developers run TensorFlow models on mobile, embedded, and IoT 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 TensorFlow such as mobile network architecture search, model compression, accelerator-aware model conversion, but not limited to.

Duration & location:

- Minimum of 6 months and maximum 12 months, with 100% time commitment (percentage of time is negotiable). Preferably starting from some time in 2nd half of 2022.
- 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 models, machine learning infrastructure, natural language processing or computer vision
- 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 teamwork and be able to work with international teams when needed

Preferred Experience:

- Research experience in Model compression / Model acceleration
- Model Quality improvement experience based on Quantitative analysis