Position: AI Visualization Researcher/Engineer/Intern
Contact Person: choi.man@huawei.com
Workplace: Hong Kong, China
Job description:

Huawei's Hong Kong Research Center is establishing an AI Data Team which focuses on research and development of data and intelligent module for supporting Huawei's AI strategy and Full-Stack, all-scenario AI portfolio.

Along with the rapid growth of AI especially deep learning technologies, models and corresponding engineering projects are becoming more complicated. Therefore, we focus on developing an AI data integration platform including multiple services (like data processing, model visualization, .etc.) to lower the application barrier of AI technology and accelerating its promotion.

Working as an intern for the position is welcomed.

Responsibilities:

1. Working closely with our research engineers to leverage their expertise in machine learning algorithms to create AI visualization designing scheme with outstanding industrial competitiveness;

2. Based on project development pipeline of AI especially deep learning, innovating core front-end visualization technologies and algorithms such that users can see, understand, and explore their data and models in new and interesting ways;

3. [Researcher] For the cutting-edge direction of AI especially AI interpretability, working closely with our research engineers to design and develop AI interpretability technologies based on visualization.

Requirements:

1. For engineers, Bachelor's degree in Computer Science or related field with at least 3 years of working experience; for researchers, PhD in Computer Science or a related technical field is required；

2. Having a solid understanding and proven skills with multiple Web front-end technologies, included but not limited to HTML/CSS/Javascript/React, technologies like SVG/Canvas/Webgl and front-end plugins like D3.js/Graphviz;

3. Having theoretical foundation of Computer Graphics and familiar with data visualization related basic algorithms;

4. [Preferred] Familiar with at least one of popular deep learning computing frameworks such as Tensorflow/Pytorch/MxNet, knowing implementation and optimization methods of common AI models is preferred;

5. [Preferred] Familiar with Big data processing idea of MapReduce and popular Big data processing tools such as Hadoop/Spark/Flink are preferred;

6. Passionate about high-quality technical development, but also recognizing there are trade-offs required to ship software products; Having strong curiosity and teamwork awareness