蚂蚁金服人工智能部岗位介绍

作为全球最大的互联网金融独角兽，蚂蚁金服是一家以信用为基础，以人工智能驱动的有想象力的金融生活公司。我们的愿景是为世界带来更多公平的机会，致力于为全球20亿消费者提供普惠金融服务。

我们基于大数据和人工智能来驱动所有的业务，比如支付、微贷、征信、安全风控、保险、智能营销和智能客服等。为此蚂蚁金服人工智能部和其他部门合作研发了基于CPU和GPU的大规模机器学习平台来为各种大数据问题提供统一的方案。

比如，我们和阿里云合作研发的参数服务器（Parameter Server）使得超大规模模型和数据的并行化机器学习成为可能：它能够从千亿级样本和百亿级特征中学习复杂的模型，同时也提供基于云计算和GPU集群的分布式深度学习算法，能够处理非常复杂的识别任务，水平位于世界和业界一流。

我们的技术支持了双11、双12等重要场景的推荐、搜索、广告和实时在线学习的能力，在高并发、高稳定性和高智能性上创造了一个又一个世界纪录。

我们在帮助蚂蚁金服各项业务飞速发展的同时，瞄准世界一流的AI水平进行研发，领域包括自然语言处理、智能对话技术、计算机视觉、语音识别等方面。

我们拥有世界一流的人才储备，包括美国普渡大学终身教授（ICML大会领域主席），Google/YouTube/微软Bing/Uber/Netflix的资深技术海归们，本土BAT的百战精英，国内外各种大数据竞赛获大奖的佼佼者，以及阿里之星A-Star顶尖应届校招生等等。

如果你愿意和我们一起创造金融大数据和人工智能的未来，欢迎在北京、杭州、硅谷和西雅图加入我们！联系方式：xl.li@antfin.com
AI Department of Ant Financial Services Group is Hiring!

Ant Financial Services Group (Ant Financial) is the world’s largest unicorn in digital finance area. Our vision is to bring the world equal opportunities. As a company driven by technology, we are dedicated to providing inclusive financial services to 2 billion consumers globally.

Our businesses, including digital payment, micro-loan, credit system, wealth management, security & risk control, insurance, marketing and customer services, are based on big data and driven by artificial intelligence.

Our Artificial Intelligence Department has collaborated with other teams to develop a large-scale machine learning platform based on CPU and GPU to provide a unified solution to solve a variety of big data problems.

For example, Alibaba’s Parameter Server ( “KunPeng” ), a system co-developed by Ant Financial and Alibaba Cloud, makes it possible to process large scale machine learning features and data. The framework can learn complex models with tens of billions of features from hundreds of billions of samples efficiently. It also provides a set of distributed deep learning algorithms based on cloud computing and GPU clusters that can handle complicated recognition tasks at the real industry level.

Our technologies support the recommendations, search, advertising and real-time online learning capabilities of Double 11 (the largest online shopping festival in the world) and Double 12 Festivals of Alibaba and other important scenarios, keeping creating new world records in high concurrency, high stability and high intelligence.

While facilitating the rapid development of Ant Financial’s businesses, we aim at world-class level for research and development in areas including natural language processing, chatbot, computer vision, speech recognition, general machine learning and so on. We have a world-class talent pool, including the
tenured professor from Purdue University (Area Chair of ICML), senior technical gurus from Google / YouTube / Microsoft Bing / Uber / Netflix, local elites from BAT (Baidu, Alibaba and Tencent), famous Big Data contests winners, as well as Ali Star/A-Star fresh graduates from top universities and so on.

If you are willing to work with us and build the future of AI and big data, welcome to join us in Beijing, Hangzhou, Silicon Valley, and Seattle!

Contact information: xl.li@antfin.com

Position: Distributed System Engineer on Big Data and Machine Learning

Responsibilities:
1. Responsible for the system level R&D and applications of large scale data processing, large scale machine learning algorithms, large scale deep learning algorithms, NLP, computer vision, speech recognition, and so on.
2. Analyze current systems and frameworks, understand the needs of business groups, and provide effective solutions to improve current products.
3. Extensive knowledge about distributed systems and can track the latest developments in academia and industry.
4. Design effective mechanism to manage the progress of projects and push forward the R&D work according to the Plan of Record from design to online product.

Requirements:
1. Master or higher degree in computer science or related areas.
2. Strong coding ability, proficiency in C++ and Java is highly preferred.
3. Strong architecture ability, familiar with common architect of distributed systems, communication mechanisms and optimization approaches. Industry experience in shipping real distributed systems is highly preferred. Deep understanding and real development experience in distributed big data platforms such as Hadoop, Spark, Cosmos, ODPS and etc. Extensive knowledge of popular machine learning framework such as MPI/PS/GraphLab/GraphX and deep learning tools such as Caffe, TensorFlow, MXNet, Torch, CNTK and etc. Deep understanding and real development experience in distributed service frameworks and messaging, streaming systems such as Spark Streaming, Storm, Kafka, Flink, memcached, tomcat, HTTP, Ajax, MySQL, ActiveMQ and etc.
4. Strong ability in communications and team work, have a good sense in coordination and organization, and good at handling stress.
5. Strong passions in applying big data and AI into real business scenarios to create business values.