Big Data Analytics Engine

About this position

The Big Data Platform team at the Huawei America Research Center is seeking an intern for conducting fundamental and applied research in Big Data Analytics in distributed cluster environment.

We are leading researchers and engineers from worldwide to create a high performance big data engine for real-world applications, including financial fraud detection, anomaly detection in security control, acceleration in telecommunication networks, etc.

It enables one to work with team members with backgrounds in Big Data, Distributed Systems, Business Intelligence, parallel architecture, etc., as well as collaborating with academic partners in universities. We encourage team members actively creating software to solve real-world problems, contributing to open-source communities, and publishing research papers. We are recruiting candidates with multi-disciplinary backgrounds in computer science, computer engineering, or related fields.

Responsibilities

- Design, develop and improve large scale distributed data processing engine
- Work along with big data analytics team

Desired Skills and Experience

- Advanced degree in computer science, statistics, math, or similar fields.
- Thorough knowledge of algorithms, data structures, and OOD/OOP principles.
- 1+ years of experience with distributed systems such as Spark and Hadoop.
- 2+ years of general-purpose languages such as Scala, Java, and C++.

PLUSES

- Good understanding of distributed system design and database system internal
- Thorough knowledge of machine learning, linear algebra, and numerical optimization.
- Experience with building end-to-end machine learning products.

Required Education: M.S or Ph.D Degree
Hours per Week: 40h/week
Duration of the Internship: 3-6 months
Location: Santa Clara, CA;
Contact: jihong.ma@huawei.com