Software Developer/Engineer for R&D

Job Description

Huawei Canada is looking for talented, enthusiastic individuals to join the Heterogeneous Compiler Lab, based in Markham, Ontario. The Lab’s mission is to leverage innovative programming technologies to improve the performance of Huawei products—from 5G network equipment to mobile phones, and from smart home appliances to cloud services—as well as the productivity of developers in the Huawei ecosystem. To achieve these goals, we conduct research and development in a variety of areas including, but not limited to, compilers, language runtimes, IoT platforms, machine learning systems, and concurrent/distributed programming frameworks. This exciting position is a great opportunity to grow your skill set while solving real-world problems in a fast-paced, agile environment.

Responsibilities

- Design, develop, and test software to satisfy business requirements in a wide range of products.
- Analyze and optimize software system performance.
- Learn and adopt new technologies; research, survey, and present industry trends to the team.

Qualifications

Minimum Qualifications
- Proficiency programming in one of the following: C++, C, or Java.
- Solid grasp of basic concepts, such as data structures, algorithms, operating systems, etc.
- Experience working in Linux, or Unix–like development environment.
- Major in Computer Science, Computer Engineering, or another relevant discipline.

Preferred Qualifications
- Experience in compiler construction, programming language design, or systems programming.
- Working knowledge of processor architecture and hardware accelerators such as GPUs and FPGAs.
- Working knowledge of artificial intelligence and machine learning algorithms.
- Proficiency with software development tools and concepts such as source control, bug tracking, etc.
We thank all applicants for their interest in career opportunities with Huawei. Only selected candidates will be contacted for an interview.