

Huawei is a leading global information and communications technology (ICT) solutions provider. Through our dedication to customer-centric innovation and strong partnerships, we have established end-to-end advantages in telecom networks, devices and cloud computing. We are committed to creating maximum value for telecom operators, enterprises and consumers by providing competitive solutions and services. Our products and solutions have been deployed in over 170 countries, serving more than one third of the world's population. Huawei has over 150,000 employees, approximately 70,000 of which are engaged in Research & development. Huawei operates a global network of 14 regional headquarters, 16 R&D Centers, 28 Innovation Centers jointly operated with customers, and 45 Training Centers. Huawei is leading the way by rethinking the future. From devices to telecom infrastructure to cloud computing and convergence solutions, we are rethinking every link in the chain with ICT based innovation to deliver a better future... faster.

Job Description

We are looking for GPU Micro-architect/Designer. The candidate will take part in definition and implementation of Huawei's first generation mobile GPU. The individual shall be responsible for the various phase of the development work. Depends on the actual assignment and skill set, the candidate will focus on all or part of the technical areas below:

- Define the next generation micro-architecture; participate in Feasibility studies, Cost and power estimation, Performance projection, Competitive Analysis.
- Participate in Performance and functional modeling.
- Micro-architecture Definition and Design.
- GPU / Memory subsystem performance analysis, Performance tuning.
- Write up micro-architecture specification.
- Load the development effort. Carry out design work of critical function units.
- Supervision of junior engineers.
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Job Requirements

- Hands-on experience in GPU architecture/micro-architecture/design (Depends on the actual assignment, the candidate might need to focus on a few areas mentioned above).
- Must be a highly organized, detail-oriented self-starter, who works well independently, as well as in a team environment.
- Master's Degree or higher preferred.
- Good verbal and written communication skills.

Huawei Inc. is proud to be an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, protected veteran status, or any other characteristic protected by law.