



TITLE: LINUX KERNEL ENGINEER

LOCATION: REMOTE IN THE US

Who We Are:

Gigamon has invented the first truly composable universal dynamic infrastructure fabric, empowering users to accelerate workloads on-demand, using industry-standard PCI Express/soon CXL technology. As a global leader in Composable Infrastructure (CI), our open platform allows users to effortlessly manage and configure “physical” bare metal server systems in seconds. Gigamon’s FabreX™ open architecture allows users to configure their physical server infrastructure on-the-fly while enabling true datacenter disaggregation.

Does getting in on the ground floor of a data center technology that is disrupting the computing, HPC, and AI industry make your heartbeat a little faster? Does the excitement of joining a team of exceptionally talented and motivated technologists at a well-funded, startup sound attractive?

What You Will Do:

Linux Kernel Engineer that has a passion for working at the leading edge of both hardware and software technology, stretching the bounds of PCI Express and the Linux operating system to create a new paradigm for solving complex HPC problems in the areas of Artificial Intelligence, Machine Learning, Deep Learning, and others. With the volume of data that is generated in today's IOT age, HPC problems are at the forefront of effectively all industries, from complex financial analysis to scientific labs where researchers look for new and more effective ways to understand our universe, as well as diagnose and attack complex health issues.

We need an Engineer with a strong desire to learn, to expand their universe, and to help build our platform with a focus on network, storage, and virtualization layers, while extracting the highest performance possible. High performance device drivers and HPC libraries are central to our mission to take advantage of our unique network memory architecture.

Responsibilities:

- 3+ years of development experience in systems software.
- Strong general Linux architecture knowledge, particularly of the I/O infrastructure.
- Proficiency in C, Python experience is a plus.
- Knowledge of Linux drivers and kernel space programming.
- Desire and drive to learn new technology, and willingness to wear different hats as you drive and contribute in different areas of technology.

Qualification and Experience:

- Bachelor of Science degree in computer engineering, computer science, or related technical disciplines.
- Experience writing Linux device drivers for high-performance I/O devices, such as NVMe, OFED (InfiniBand, RoCE, iWARP) or DPDK.

- Experience with GPUs for general purpose usage, GPU Direct RDMA, CUDA, NCCL.
- Experience with HPC MPI standards, MPICH, MVAPICH, LibaFabric.
- Experience with PCI Express and single-root I/O virtualization (SR-IOV) a plus.
- Experience with open-source community initiatives is a plus.
- MS degree in computer engineering, computer science, or related technical discipline is a plus.

Contact Information:

Send your cover letter and resume to Careers@gigaio.com