Software Engineer

About this Job

Software Engineers at Arista Networks participate in all phases of software development: design, implementation, and testing, to develop products for Cloud, Data Center, and Cognitive Campus networking. Projects span across

- Cognitive Network Management,
- Networking Protocols (BGP, OSPF, ISIS, VXLAN, WiFi),
- Infrastructure for efficient state sharing between processes,
- Security using AI,
- Forwarding software for our high speed, high bandwidth and low-latency hardware, and
- Containerized internal tools for continuous integration and continuous deployment.

Our engineers are industry leaders who participate in standards bodies to define global networking and tooling standards, and contribute to open-source projects.

Most engineers work on EOS, the Extensible Operating System that runs on our networking devices. EOS is a state-based operating system built right on top of off-the-shelf Linux, and is our main product. We also have substantial internal tooling and infrastructure to keep us fast-moving and sharp; contribution is encouraged from everyone on the software team. Finally, engineers have the opportunity to help our customers get the most out of Arista's products and really take ownership over their code.

Most Software Engineers use Linux, C++ and Python on a daily basis. Some team members use tech like C, Java, Kotlin, Go, Databases (MySQL, Hbase), web languages (React, Redux, ES6, D3), and Streaming (Kafka), depending on the project. Networking expertise (Ethernet, TCP/IP) is useful but not required, since we believe that this domain-specific knowledge can be learned on-the-job.

We look for candidates who:
- Are conversant in software design
- Communicate well
- Demonstrate a solid understanding of computer science fundamentals, especially Data Structures, Algorithms, and Operating Systems

If you...
- love to program
- look for a better way, and strive to make it real
- learn how things work, just for fun or out of curiosity

... then this posting is for you, we'd love to talk to you! Please reach out to us through this Google Form: https://forms.gle/AeXedc9uNoSPUDqC8

About Arista Networks

Arista Networks was founded to deliver software driven cloud networking solutions for large data center and high-performance computing environments. With more than five million cloud networking ports being deployed worldwide, Arista delivers a portfolio of 1/10/40/100 and 400 GbE products that redefine network architectures, bring extensibility to networking, and dramatically change the price/performance of data center networks.

At the core of Arista's platform is the Extensible Operating System (EOS™), a groundbreaking network operating system with single-image consistency across hardware platforms, and modern core architecture enabling in-service upgrades and application extensibility.