Chip Design Engineer

Mellanox Technologies is looking for an Engineer to join its PCIe FW team and fill a significant role in developing FW and Verification environments for our next generation cross platform products.

Responsibilities

This position includes learning existing complex C and C++ code, developing new features and flows in a state of the art environments – in the field of PCI Express communication protocol.

Qualifications

Education: B.Sc. – Computer Engineering / Electrical Engineering / Computer Science

- Courses in C and C++ - must
- OOP / computer structure / operating system – advantage
- Knowledge in Python / Bash - advantage

https://careers-mellanox.icims.com/jobs/4911/chip-design-engineer/job
Test designer - System Product Practical Engineer

Development and deployment of production tests for Mellanox network Modules and High speed switch systems. The position combines understanding of HW and SW to provide stable, efficient, smoothly running production tests, to enable high availability, while ensuring quality of the products being shipped to customers.

Testing code, automation scripts and testing environment are written in different programming languages under Linux OS.

The position state as part of System product engineering Group and require working closely with Engineering and Operations teams in the company.

Qualifications

- Software / Electronic Practical Engineer
- Knowledge in C / C#
- Hardware / Electronic knowledge

advantage

- Hardware or Software Testing
- Familiarity with UNIX/Linux OS and Perl scripts.

Team Leader Verification Engineer

Mellanox is looking for Technical Leader in verification team to take part in design verification of Data Centers and Networks technologies. Verification of next generation network products over firmware development.

Responsibilities

- Directly supervise 4-5 employees
- Develop and track Pre/Post silicon verification for various Leyar-1 Switch units
- Review and enhance Verification methodology Pre/Post silicon verification
- Hands-on, Test development over C/C++, debug, provide guidance to the team
- Work closely with ASIC design and Firmware development teams

Qualifications

- B.Sc. in Electrical/Software Engineering or Computer Engineering
- 4 years of experience with Switch platforms and Networks technologies
- Understand PHY layer pipeline ASIC design
- Understand verification methodology
Experience with C/C++
Knowledge in Real-Time SW
Experience with Gate level verification & Debug tools is plus

https://careers-mellanox.icims.com/jobs/4839/team-leader-verification-engineer/job

SW Engineer for Ethernet Switch

We are looking to hire a Software Engineer to join Mellanox’s R&D team for a challenging top-down design for leading-edge networking systems. The work environment is versatile, educational, dynamic and challenging as our employees are currently working on innovative, next-generation networking devices at the forefront of technology in terms of performance and power efficiency.

Qualifications

- Experience: Proven C knowledge
- Education: Graduate in Computer Science or Computer Engineering
- Minimum 3 years experience

Advantages:

- Linux or embedded development/testing experience
- Ethernet routing knowledge
- Networks knowledge and experience


SW Embedded Engineer

Mellanox is looking for an excellent Junior SW embedded engineer for the SDK Group.

Responsibilities

Responsible for design, develop, test and maintenance different Networking features and infrastructures

Qualifications

- Bachelor’s degree in computer science or equivalent experience
- 0-3 year experience in coding in C/C++
- Experience with embedded systems
- Positive attitude
- Comfortable taking initiative and working across teams
- Excellence communication skills
Advantages

• Experience with Networking applications and protocols
• Experience with Linux environment
• Experience with Python
• Experience with CI methodology & tools (Git, Gerrit, Jenkins etc.)


SONiC SW Engineer

Mellanox Technologies is looking for talented SW engineer to join our Ethernet switch SONiC Network OS.
The ideal candidate will take part in SONiC large community over the world, contributing new features, bugs fixes and have Mellanox Switch products running with SONIC NOS in production in different clusters over the world.

Responsibilities

Design, develop and test networking and OS features on top of Linux and Mellanox Switch SAI/SDK.
Work in a Continuous Deployment environment – fast development/deployment cycles
Work with an experienced team well known in the SONiC community in Mellanox and over the world.

Qualifications

• B.Sc. in Computer Science or related fields (In studied EE) graduate or with 1-3 years of experience in development
• Knowledge in Networking protocol
• Knowledge in C++ and Python programming
• Fast and self learner with outstanding technical skills.
• Team player with good communication and interpersonal skills

Advantages:

• Experienced in Networking protocols: L2 and L3
• Experience in Linux programing
• Experience in C++ and python programing
• Knowledge in Linux shell scripting
• Scrum methodology

Switch Core FW Team Leader

Switch Core FW team is looking for a talented Firmware Team Leader. Working with the Industry leaders in Machine Learning Platforms, Data Centers, High Performance Computing, Storage Platforms and more.

Responsibilities
You’ll be joining a winning team who is a Leading Supplier of Ethernet and InfiniBand switching Solution and that cares about who and what you are. We are a fast-growing company with positive energy that emanates from our team members' internal drive to develop, market, sell, and support cutting-edge products and services. We are a strong believer in developing our employees and giving them the tools to succeed.
You will be leading a team in the FW core to develop our new technologies from design to verification, you’ll need to work closely with other disciplines in all of the sites in agile.

Qualifications

- B.Sc./M.Sc. in Electrical Engineering, Computer Engineering or SW engineering degree.
- 3-5 years of experience in imbedded Linux and/or SoC
- At least 2 years experience in leading embedded team
- Programming Knowledge in C, C++
- Knowledge of L2 switching
- Knowledge of real-time
- Must be self-motivated, good team player, be able to work collaboratively within internal team oversee sites.

You might also have:

- The motivation to learn and constantly improve processes and tools
- Knowledge of RTOSs
- Good knowledge of standard specs.
- Advantage experience in Firmware design, verification and silicon validation.
- Agile software development mindset is a plus

**SONiC SW Engineer**

Mellanox Technologies is looking for talented SW engineer to join our Ethernet switch SONiC Network OS.
The ideal candidate will take part in SONiC large community over the world, contributing new features, bugs fixes and have Mellanox Switch products running with SONIC NOS in production in different clusters over the world.

**Responsibilities**
Design, develop and test networking and OS features on top of Linux and Mellanox Switch SAI/SDK.
Work in a Continuous Deployment environment – fast development/deployment cycles
Work with an experienced team well known in the SONiC community in Mellanox and over the world.

**Qualifications**
- B.Sc. in Computer Science or related fields (In studied EE) graduate or with 1-3 years of experience in development
- Knowledge in Networking protocol
- Knowledge in C++ and Python programming
- Fast and self learner with outstanding technical skills.
- Team player with good communication and interpersonal skills

**Advantages:**
- Experienced in Networking protocols: L2 and L3
- Experience in Linux programing
- Experience in C++ and python programing
- Knowledge in Linux shell scripting
- Scrum methodology

SONiC Team Leader

Mellanox Technologies is looking for a talented SW Team Leader to join our Ethernet Switch SONiC Network OS. The Team Leader will take part in SONiC large community over the world, contributing new features, bugs fixes and have Mellanox Switch products running with SONIC NOS in production in different clusters over the world.

Responsibilities

Manage a new team, tasks and deliveries part of the SONiC release train on top of Mellanox Switch products. Work in a Continuous Deployment environment – fast development/deployment cycles. Work with an experienced teams in and outside Mellanox which are well known in the SONIC community.

Qualifications

• B.Sc. in Computer Science or related fields
• At least 5 years of experience in development
• Knowledge in Networking protocol
• Knowledge in C++ and Python programming
• Fast and self learner with outstanding technical skills
• Proven management skills

Advantages:

• Experienced in Networking protocols: L2 and L3
• Experience in Linux programing
• Experience in C++ and python programing
• Knowledge in makefile and build systems
• Knowledge in Linux shell scripting
• Scrum methodology and active scrum master

https://careers-mellanox.icims.com/jobs/4915/sonic-team-leader/job
SDK SW Embedded Engineer

Responsibilities

- Develop Mellanox next generation network products SDK
- Take part in advanced networking features development for Cloud, Data center and SuperComputers
- Execute Next Generation ASICs bring ups in the group
- Work on exciting first tier features enablement
- Portable networking software implementation in an embedded environment (Ethernet/Infiniband switch/router product line)
- Full development cycle methodology (design to final delivery to customer)

Qualifications

- B.Sc. in Computer Science or Computer Engineering
- 3+ year experience in coding in C/C++
- Experience with embedded systems
- Positive attitude
- High technical understanding and learning skills – specification, design, programming, integration and debugging abilities
- Experience in development in Linux (user and/or kernel modes).
- Comfortable taking initiative and working across teams
- Excellence communication skills

Advantages

- Experience with Networking applications and protocols
- Experience with Linux environment
- Experience with HW Emulation (For example Palladium).
- Experience with Bring up process
- Experience with Python