Hardware Qualification Practical Engineer

Location: Israel, Yokneam

NVIDIA Networking Engineering group looking for an Electrical Practical Engineer. The primary responsibility of this position will be to conduct testing on prototype products under various environmental extremes, for example climatic, product design tests, and reliability.

What you will be doing:
- The engineer will take part in qualification test programs, test plan preparations, documentation summary
- Testing Reports
- Learning of commercial and industrial specifications

What we need to see:
- Electrical Practical Engineer certificate, or equivalent experience
- Experience in Networking
- Taking full responsibility for ongoing projects

Ways to stand out from the crowd:
- Knowledge of computer programs
- Experience in soldering
- PC: OSs – Windows/Linux, basic Office knowledge, basic programming knowledge C++, Perl

NVIDIA is widely considered to be one of the technology world’s most desirable employers. We have some of the most forward-thinking and hardworking people in the world working for us. If you're creative and autonomous, we want to hear from you! NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, disability status or any other characteristic protected by law.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Post-Silicon Characterization Engineer

Location: Israel, Yokneam

NVIDIA Networking (Mellanox Israel) IC Product Engineering team is looking for a Post Si Characterization and Validation engineer, to take part of Network ASIC&SOC validation and characterization efforts of speed, logic, memory and analog circuits. You will be a part of a team working on groundbreaking technology. We
are in need of hardworking and motivated engineers. Do you have passion for data analysis, post-Si hand on work and problem solving? We will be happy to have you on our team!

**What you’ll be doing:**
- The position includes taking ownership of characterization of IC performance and power parameters, developing new characterization and analysis capabilities, enabling the qualification of new and improvement of future products. You will define and build the required tests, perform the analysis and present the results and conclusions to a wide forum including leading designers and high level executives.
- Take important part in definition of requirements for post-Si validation, as well as IC power and performance characterization.
- We offer a dynamic, exciting work environment, with many new learning experiences and interactions with people from different aspects of the company. Our company employs some of the best engineers in the communication field from all across the world, working on cutting-edge technology and developing new and ambitious, results-oriented projects.
- We are searching for hardworking engineers, that will lead new projects starting from the product definition phase, until the mass-production phase, working closely with several other teams, including chip design, power architecture, and BE!

**What we need to see:**
- B.Sc. in Electrical Engineering with 2+ years of proven experience.
- Confirmed experience with IC silicon validation / pre-silicon verification / backend / analog / test / product engineering.
- Strong problem-solving abilities and out of the box thinking.
- Ability to work in a fast-paced, dynamic work environment with a focus on technical excellence, innovative thinking and strong analytical skills are required.
- Good social skills, leadership, ability to manage multi-disciplinary interfaces

**Ways to stand out in the crowd:**
- Hand on experience with scopes and lab equipment
- Programming experience.
- Data analysis experience
- Validated experience of over 2+ years in power and/or performance validation or characterization.
- Understanding of BE procedures and knowledge of power terminology and measurement methods.

**Software Qualification Engineer**

**Location: Yokneam**

NVIDIA is looking for an excellent highly motivated Software Engineer with experience full stack developer to join the Qualification HW Group. We are looking for a candidate with the ability to thrive in an environment with complex software and hardware designs. The role includes working closely with HW, FW, and SW teams and take our product to next level.

**What you’ll be doing:**
- Be part of SW/HW projects in a large and cross-platform codebase
- Write fast, effective, maintainable, reliable and well-documented code
• Be responsible for delivering SW of different features – including design, development, and integration of components from other teams
• Collaborate across software and hardware teams to define, plan and deliver on commitments, following all the way through the architecture definition process from design, development to features bring up and productization

What we need to see:
• B.Sc degree or equivalent experience in Computer Science, Computer Engineering, or Electrical Engineering
• 3+ years of experience as a Software Engineer
• Experience in developing in Linux and user-space environment
• Strong design, coding, analytical, debugging, and problem-solving skills
• Ability to work concurrently with multiple groups in the organization
• Creative, motivated, and value-driven person

Ways to stand out from the crowd:
• Expert in modern programming languages such as - Java, Java swing based GUI, Python, Perl
• Knowledge in scripting for data crawling and analysis
• Experience in working with SQL database systems such as MySQL, MSSQL, Oracle
• Exposure to and interest in Open Source frameworks, tools, and technologies.
• Experience in continuous integration & deployment practices.
• Knowledge in setting up and maintaining systems monitoring and logging tools.


DevOps Engineer

Location: Yokneam

We are looking for DevOps engineer to join the manufacturing information systems team and help us to shape our data analysis solutions. If you're experienced with various DevOps technologies, are a fast learner, and have a get things done mentality, we'd love to hear from you!

What you'll be doing:
• Building and configuring micro-service systems with Kubernetes on cloud and Linux machines on premise.
• Build tools to reduce occurrences of errors and improve customer experience
• Develop scripts to automate CI/CD integrations
• Develop software to integrate with internal back-end systems
• Perform root cause analysis for production errors
• Investigate and resolve technical issues
• Design procedures for system troubleshooting and maintenance
• Explore new technologies
• Implement best-practice methodologies

What we need to see:
• BSc in Computer Science, Engineering or relevant field
• 3+ years’ experience as a DevOps Engineer or similar software engineering role
- Familiarity with infrastructure build tools like Jenkins and Docker
- Experience with setting up Kubernetes cluster on cloud
- Experience in cloud automation using AWS / Azure platforms.
- Proficient with git, git workflows and CI/CD integration.
- Good knowledge of Python and Bash
- Working knowledge of databases such as MongoDB and SQL

Ways to stand out from the crowd:
- Experience with Microsoft Azure resources and command line interface.
- Experience developing engineering applications for a large corporation
- Problem-solving demeanor
- Collaborative team spirit

Widely considered to be one of the technology world’s most desirable employers, NVIDIA offers highly competitive salaries and a comprehensive benefits package. As you plan your future, see what we can offer to you and your family. NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other characteristic protected by law.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Practical Engineer

Location: Yokneam

NVIDIA Networking Engineering group is looking for an experienced and hardworking Lab Practical Engineer, to join Firmware Pre-Silicon team. The primary responsibility of this position will be to lead emulation automation and servers maintenance, regression environment and much more.
In this position you’ll work on the latest and greatest technology challenges today’s compute industry have to offer.

We are looking for inquisitive people with a desire to learn and the position allows much room for growing and improving on existing technology and methods.

What you’ll be doing:
- The main responsibility of this position is maintenance and improvement of existing emulation servers infrastructure, both Israel and overseas.
- The job also requires close collaboration with Firmware, Software and Chip Design teams to enable Firmware and Software development on new devices.
- Participating in brand new devices bring ups on Emulation platforms.
- Managing Emulation infrastructure.
- Support teams in resolving ongoing issues.

**What we need to see:**
- Bachelor's degree (or equivalent experience) with computer or electronic expertise.
- Knowledge in any computer programming language.
- Background in scripting with Python/TCL/Bash.
- 2+ years of experience in Linux/Window support.
- Strong interpersonal skills and ability & desire to innovate.
- Very high curiosity and passion to learn.
- English (reading and writing).

**Ways to stand out from the crowd:**
- Experience with HW emulation platforms (e.g. Cadence).
- Knowledge in DNS, DHCP, PXE, TCP/IP.
- IT experience: Network configuration.

NVIDIA is widely considered to be one of the technology world’s most desirable employers. We have some of the most forward-thinking and hardworking people in the world working for us. If you're creative and autonomous, we want to hear from you! NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other characteristic protected by law.

[CAREERS AT NVIDIA - Workday (myworkdayjobs.com)]

**IC Characterization Engineer**

**Location: Yokneam**

We are looking for a high-speed characterization engineer, to take ownership of all IC high-speed characterization efforts in NVIDIA Networking IC PE team. We offer a dynamic, exciting work environment, with many new learning experiences and interactions with people from different aspects of the company! We have some of the best engineers in the communication field from across the world, working on cutting-edge technology and developing new and ambitious, results-oriented projects.

**What you’ll be doing:**
- Characterizing the dependence of high-speed performance indicators in process variations, voltage margins and temperature. We are looking for an engineer to bring new capabilities of high-speed signal characterization to ICPE group, enabling deeper understanding and improved margin-setting of high-speed tests in NVIDIA ICs.
- The position includes leading of the characterization of IC high-speed domain, both on ATE and system platforms. Investigating Tx, Rx and PLL parameters and their dependence in Si process, voltage, temperature, etc.
- We require applicants that have experience in SerDes characterization/validation, are familiar with the measurement tools (sampling scope, spectrum analyzer, BERT,...) as well as debug techniques and ATE platforms. Candidates are expected to define methodologies, analyze results and present them to a large forum.
- We are searching for hardworking engineers, that will lead new projects starting from the product definition phase, until the mass-production phase, working closely with several other teams, including chip design, PHY teams, BE and FW/SW!
• Lead the definition of requirements for IC level post-SI validation, as well as IC High-speed characterization. You will also be in charge of SerDes characterization methodologies, including tuning current methodologies and introducing new ones.

What we need to see:
- BSc in electrical engineering
- Experience of over 2+ years in IC SerDes/High speed validation/characterization.
- Detailed understanding of debug methods and high-speed signal validation tools and methods.
- Strong problem-solving abilities and out of the box thinking.

How to stand out in the crowd:
- Hands on experience with scopes and lab equipment
- FW Programming experience
- Experience on ATE
- Knowledge of process/ temperature/voltage effect
- Know how of HS analog circuits

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Hardware Lab Operator

Location: Yokneam

In this position, as an HW Lab Operator, you will support the silicon engineering team. This may include installing hardware and software systems, diagnosing networking, HW and SW issues. In-depth knowledge of IT systems, high level communication skills, and the ability to work independently.

NVIDIA has been transforming computer graphics, PC gaming, and accelerated computing for more than 25 years. It’s a unique legacy of innovation that’s fueled by great technology—and amazing people. Today, we’re tapping into the unlimited potential of AI to define the next era of computing. An era in which our GPU acts as the brains of computers, robots, and self-driving cars that can understand the world. Doing what’s never been done before takes vision, innovation, and the world’s best talent. As an NVIDIAN, you’ll be immersed in a diverse, supportive environment where everyone is inspired to do their best work. Come join the team and see how you can make a lasting impact on the world.

What you’ll be doing:
- Labs support for HW engineering team in their daily tasks
- Manage and maintain physical and virtual servers and switches
- Installing new hardware and software for Linux /Windows, Virtualization systems
- Diagnosing and troubleshooting hardware, network, and software issues
- Physical work in the LABs and the ability to work remotely with physical servers / VMs

What we need to see:
- Previous work experience as a technical LAB support or Desktop
- 1-2 years of experience in Linux/ Window support
- Experience with working with RedHat /CentOS, Windows servers 2008/2016
- Ability to troubleshoot complex hardware and software issues
Fluency in English

Ways to stand out from the crowd:
- Knowledge in DNS, DHCP, PXE, TCP/IP
- MCSE, TCSA, MCITP, CCNA certificates
- Teamwork, service-oriented, knowledge sharing, organized and has documentation skills

We are an equal opportunity employer and value diversity at our company. We do not discriminate based on race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Linux System Engineer, Windows

Location: Yokneam & Raanana

NVIDIA has been transforming computer graphics, PC gaming, and accelerated computing for more than 25 years. It’s a unique legacy of innovation that’s fueled by great technology—and amazing people. Today, we’re tapping into the unlimited potential of AI to define the next era of computing. An era in which our GPU acts as the brains of computers, robots, and self-driving cars that can understand the world. Doing what’s never been done before takes vision, innovation, and the world’s best talent. As an NVIDIAN, you’ll be immersed in a diverse, supportive environment where everyone is inspired to do their best work. Come join the team and see how you can make a lasting impact on the world.

NVIDIA is looking for a Microsoft & Linux System Engineer to join the IT team to support the R&D activities. The responsibilities of the new hire include Microsoft-based & Linux infrastructure development, management, maintenance as well as ongoing documentation.

What you’ll be doing:
- Handle and support Microsoft-based & Linux based environments.
- Create script-based solutions for infrastructure improvement and deployments of new systems.
- Support R&D environment and daily support tickets.

What we need to see:
- Experience with MS infrastructure (AD, DNS, DHCP, WDS, WSUS, DFS, GPO).
- Knowledge in Windows Images unattended installation process.
- Hands on experience in Linux with good problem-solving skills.
- Shell scripting proficiency (Bash/PowerShell).
- Ability to handle several tasks in parallel effectively, prioritize and execute in a fast-paced environment.
- Experience with DNS, DHCP, NFS, NIS, RADIUS, SMTP, SNMP, PXE
- Knowledge of Perl, Python, PHP, C#.
- Good communication skills, project leading skills, great teammate.
- Good Hebrew and English written and verbal communication skills.

Ways to stand out from the crowd:
- B.Sc. in an engineering field.
- Experience with LDAP, Apache, MySQL/PostgreSQL, GIT, Jenkins.
- Experience with configuration management tools – Ansible, Puppet.
- Hands-on experience creating 'tailor made' solutions via open source.
• Implement projects for infrastructure improvement and deployments of new systems. Widely considered to be one of the technology world’s most desirable employers, NVIDIA offers highly competitive salaries and a comprehensive benefits package. As you plan your future, see what we can offer to you and your family www.nvidiabenefits.com/ NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other characteristic protected by law.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Hardware Qualification Practical Engineer

Location: Yokneam

NVIDIA Networking Engineering group is looking for Electrical Practical Engineer, the primary responsibility of this position will be to conduct testing on prototype products under various of environmental extremes such as: climatic, product design tests and reliability.

What you will be doing:
• Take part in qualification test programs.
• Test plan preparations, documentation summary, reports and learning of commercial and industrial specifications.

What we need to see:
• Electrical Practical Engineer certificate
• Experience in Networking
• Taking full responsibility on ongoing projects
• Good craftsmanship, Soldering capability

Ways to stand out from the crowd:
• Knowledge in computer programs
• PC: OSs – Windows/Linux, basic Office knowledge, basic programming knowledge C++, Perl.

NVIDIA is widely considered to be one of the technology world’s most desirable employers. We have some of the most forward-thinking and hardworking people in the world working for us. If you’re creative and autonomous, we want to hear from you! NVIDIA is committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, disability status or any other characteristic protected by law.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Software Verification and Validation Engineer
Location: Yokneam

We are looking for a Software QA Engineer to join the Interconnect software Verification and Validation team. This position will be part of the product engineering team who craft and integrate software tools for NVIDIA Interconnect production lines. The ideal candidate will engage in testing of both Software and hardware, be able to learn new features, design and execute manual and automated tests.

What you'll be doing:
- Review architecture design and requirements for new features introduced in the software tools
- Design, develop, and execute tests for the new features, as part of software releases or update releases
- Report bugs found during execution, assist with reproduction and debugs to understand root cause, verify bug fixes provided by the R&D team, raise if not fixed
- Execute tests in different scopes: regression, performance, functional; report the progress of testing and provide summary reports of testing activity
- Define and build setups topologies for appropriate product coverage
- Use analysis tools to verify stability on large volume production

What we need to see:
- BA / BSc or equivalent experience in Computer Science or Electrical Engineering
- Knowledge of Networking and system experience
- Hands-on experience with the manual or automated testing
- Independent, responsible worker, able to plan and execute
- Team player with good communication and interpersonal skills

Ways to stand out from the crowd:
- Experience in white box software QA, SoC and Networking test design and automation
- Proven programming experience in script languages: Perl, Python and in high level languages: Java, C#

NVIDIA has some of the most forward-thinking and hardworking people in the world working for us. If you're creative and autonomous, we want to hear from you!

We are committed to fostering a diverse work environment and proud to be an equal opportunity employer. As we highly value diversity in our current and future employees, we do not discriminate (including in our hiring and promotion practices) on the basis of race, religion, color, national origin, gender, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other characteristic protected by law.

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

RMA Failure Analysis Engineer

Location: Yokneam

We are looking for an electrical engineer to join our RMA Engineering team under the system production engineering group. The primary responsibility of this position will be RMA failure analysis engineer. Our System Product Engineer will work closely with our Hardware, Software, Firmware, and Test Engineers, along with the Quality and Operations teams in the company. This job allows you to work in a sophisticated, exciting engineering environment supporting the development of future components and exploring new technologies.

What you'll be doing:
• Improve our products’ design, manufacturing process, and testing flow. Ensure corrective and preventive actions are identified, implemented, and efficiently verified to address the root cause of quality complaints.
• Leading a routine communication with Nvidia’s customers’ on the RMA findings. In addition, you will work with our vendors/manufacturers and address the new standards of the gate for quality in their processes.
• Perform detailed data analysis to correlate customer failures with internal production data to help understand root cause, risk, and exposure.
• Extensive lab work on both HW and SW, debugging, and characterization of system-level, board-level, and chip-level issues. Develop new automation and platforms to test and reproduce customers’ failures in our RMA lab.
• Drive continuous improvement activities to improve the quality of the products

What we need to see:
• B.Sc in Electrical Engineering.
• Minimum of 5 years of technical experience in hardware design/system failure analysis/debugging/Architecture or Product Engineer.
• Proficient with circuit design tools and lab equipment and lab set up, troubleshooting skills, and writing diagnostic scripts/programs.
• Proficient English required
• A highly motivated teammate who always stay up-to-date with new technologies and FA methodologies

Ways to stand out from the crowd:
• Experience in validation of High-speed signals.
• Experience as a test engineer or product engineer
• Experience in Board design, System, or SOC architecture.
• Background with FW algorithm.
• Linux operating systems, and programming languages such as Perl/Python and/or C/C++, SQL

CAREERS AT NVIDIA - Workday (myworkdayjobs.com)

Software Engineer

Location: Yokneam

We are looking for a hardworking, multi-disciplinary engineer to join our NVIDIA cluster solution team! In this role you will be working in a team to analyse, define and improve NVIDIA solutions, running on the world’s largest clusters. The scope of these efforts includes a combination of coding, performance tuning and analysis, and other general software engineering work. You’ll join a small team working on improving NVIDIA products for some of the largest, most powerful ground-breaking Datacenters in the world. You’ll work alongside Network and GPU engineers to build solutions for our customers looking to adopt NVIDIA cluster solutions, AI and ML into their business environment.

What you’ll be doing:
• Define and develop new features in NVIDIA clusters environment:
• We improve various aspects of NVIDIA cluster products, improve cluster data collection and analysis
• We improve procedures and reduce time for cluster bring up, configuration cycles, maintenance windows and troubleshooting of cluster environment
• Collaborate with InfiniBand management team on scaling and improving of routing protocols and algorithms.
• Work closely and pro-actively with other engineering teams such as system architects, chip and board designers, software/firmware engineers, HW/SW QA teams and Applications engineering teams to drive design, development, debug, and release of next generations NVIDIA cluster products.

**What we need to see:**
• B.Sc. degree in Computer Science, Electrical Engineering, Computer Engineering
• Proficient in C language or other programming language. Python or similar scripting language a plus.
• Strong communication skills and ability to work directly with customers

**Ways to stand out from the crowd:**
• Ability to work under pressure
• Knowledge and troubleshooting experience with InfiniBand network

We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

[CAREERS AT NVIDIA - Workday (myworkdayjobs.com)](https://myworkdayjobs.com)