



## **Software CAD/DA Engineer**

**Location: Israel, Yokneam**

We are looking for a software DA/CAD Engineer to join our team. The team is responsible for ensuring a high-quality development environment for the Backend team, which includes developing new and maintaining existing CAD tools. The work includes daily interaction with Backend engineers. This position requires an individual who is an excellent communicator, creative, data-driven, and results-oriented.

### **What you'll be doing:**

- Gain a deep understanding of the process of chip development and automate the development process
- Employ good software engineering practices to develop leading-edge EDA tools for chip development
- Work closely with Backend engineers to support the existing development infrastructure, identify possible improvements and solutions
- You will be directly responsible for the full life-cycle of tool development including data storage design, UI design, testing, development, deployment, and maintenance.
- Work with other team members and other DA teams to bring state of the art software solutions and practices to the team

### **What we need to see:**

- B.Sc. in Computer Science/Engineering
- 2-5 years of relevant experience
- Personal: good interpersonal skills, quick learner, proactive, innovative, highly motivated, and committed.
- Good programming skills in multiple languages, at least a university project

### **Ways to stand out from the crowd:**

- Deep understanding of data structures and algorithms related to Graph Theory
- Knowledge of EDA tools like ICC2, Design Compiler, PrimeTime, and Innovus is plus.
- Understanding of OOP concepts and experience with OOP designs
- Experience with C++ programming language, Tcl, Python, or other scripting languages (such as Perl, Shell).

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.

[https://nvidia.wd5.myworkdayjobs.com/en-US/NVIDIAExternalCareerSite/job/Israel-Yokneam/Software-CAD-DA-Engineer\\_JR1932377](https://nvidia.wd5.myworkdayjobs.com/en-US/NVIDIAExternalCareerSite/job/Israel-Yokneam/Software-CAD-DA-Engineer_JR1932377)

## **Security Software Engineer**

### **Location: Israel, Yokneam**

We are looking for an excellent cyber security engineer for our SmartNics group. The person will join the SmartNics team and will be part of research & development of cyber security features.

### **What you'll be doing:**

- Hands on of research & development of cyber security features
- Leading features design reviews

### **What we need to see:**

- B.Sc. in Computer Science or Software/Computer Engineering
- Strong design, coding and debugging skills in all aspects (hands-on)
- Knowledge in operating system security (CVE , OS Hacking, encryption )
- Strong analytical, debugging and problem-solving skills

### **Ways to stand out from the crowd:**

- Knowledge with Linux build systems (RPM, Make files)
- Hands on experience in cyber security from a known company or military unit
- Experience in CI methodology & servers (e.g. Gerrit, Jenkins etc.)
- Experience in Scripting languages like Python
- Excellent written and verbal communication skills in Hebrew & English (working with cross site-team)

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## **Performance Engineer**

**Location: Israel, Yokneam**

Do you love working with sophisticated systems, having system level overview from architecture level, till deployment and clearly share your ideas with others? Are you driven to achieve your best and enjoy working to improve the future?

We're looking for a performance engineer, who love challenges and can deal with complex requirements and various components, to get the most performance out of our network interface controllers (NICs and SmartNICs)

### **What you'll be doing:**

- Analysis and diagnostics of bottlenecks in the most advance systems in the industry and in our Silicon. Working closely with different HW and SW groups to acquire optimal solutions
- Define performance tests for new features, making sure our NIC is able to reach its limits, calculating expected results
- Development and maintenance of automation tools and infrastructure, to provide the best performance reports!
- Ensure no regression is present between releases
- Using strong communication skills, build and drive architecture, analysis documents and communications to internal and/or external audiences about our technology.

### **What we need to see:**

- Bachelor's degree in Computer Science / Software Engineering / Computer engineering or equivalent
- 2+ years experience in SW/HW engineering
- Strong communication skills and positive thinking
- Understanding of multi core hardware, operating systems design, concurrency, virtual memory, caching, interrupts, device drivers
- Experience with design and development software
- Self-learning, delving into new areas fast
- Highly organized and driven, with the ability to work in a dynamic environment across multiple countries and time zones

### **Ways to stand out from the crowd:**

- Previous experience as a performance engineer
- Strong Python and scripting skills
- Experience with debugging

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.

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## **DevOps Engineer**

**Location: Israel, Yokneam**

Nvidia is looking for an excellent DevOps Engineer to join the Switch and Firmware DevOps team and make a wide impact on the company products and teams worldwide. The role includes the development of cutting edge design automation tools, build systems, and continuous integration systems.

With your help, our supportive and friendly team will be able to focus on more exciting programming tasks, better serving the needs of our customers through new and improved CI processes. We work in a dynamic environment where multiple projects will be active at once and priorities may shift frequently.

We are looking for hardworking engineers who aren't afraid of taking up new technologies, processes, and tools to make constant improvement in the automation infrastructure. The engineer will collaborate closely with our software developers as well as performance analysts to build and improve the world-class automation infrastructure.

### **What you'll be doing:**

- Develop and support CI processes of various products.
- Coordinate with various teams across the globe to promote and improve CI practices.
- Build infrastructure for effective, high quality development and release efforts.
- Be a part of an experienced team with a great atmosphere.

### **What we need to see:**

- B.Sc. (or equivalent) in Computer Engineering, Computer Science or related technical discipline
- 2+ year experience in DevOps (focus on CI/CD methodologies)
- Strong knowledge in Linux distribution installation
- Proven knowledge of build systems: Jenkins or similar
- Excellent control of GIT SCM
- Excellent development abilities in at least one scripting language: Python, Groovy, Perl or similar
- Strong design, coding and debugging skills
- High ability to focus on task execution
- Agility and multitasking
- Great teammate

**Ways to stand out from the crowd:**

- You have expertise in Python or Groovy programming
- Experience with Jenkins pipelines

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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.

We will ensure that individuals with disabilities are provided a reasonable accommodation to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment. Please contact us to request the accommodation.

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