

# Job Notification Form, IIT Delhi

## Company Overview

<b>Name:</b>	NVIDIA
<b>Website:</b>	<a href="http://www.nvidia.com">www.nvidia.com</a>
<b>Company Type:</b>	Core (Technical)
<b>Description:</b>	In 1999 sparked the growth of the PC gaming market, redefined modern computer graphics, and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI — the next era of computing — with the GPU acting as the brain of computers, robots, and self-driving cars that can perceive and understand the world.

## Job Details

<b>Designation:</b>	System Software Engineer
<b>Type:</b>	Core (Technical)
<b>Place of Posting:</b>	Pune, Bangalore, Hyderabad

<b>Job Details:</b>	<p>SYSTEM SOFTWARE TEAM – GPU / TEGRA</p> <p>As a Software Engineer, the candidate will be responsible for supporting in design and development of software solutions in the areas of Chip Resource Manager, Graphics, Video, 2D and 3D graphics under OpenGL and DirectX, ISP, driver stacks for Windows and Linux OS. Also, the responsibility will include improvement of existing software, micro code and suggesting modifications in hardware acceleration solutions. The candidate will work side by side with Nvidia engineers around the world, as an equal member of a multi-site project team. The candidate must be highly motivated, enthusiastic, pro-active to achieve high-quality software deliveries. The candidate will be working on System software's various driver modules/features/tools/performance</p> <p>We are looking for Interns who are passionate about working at the intersection of leading-edge graphics, multimedia and operating system software. Looking for interns who will be working in the following areas:</p> <ul style="list-style-type: none"><li>• Principles of hardware operation: CPU and memory architecture, buses and interconnects</li><li>• Operating System fundamentals: multi-processing and scheduling, memory management, privilege modes, file systems and device drivers</li><li>• Algorithms and data structures</li><li>• Principles of parallel computing</li><li>• C and/or C++ programming languages</li><li>• Python / PERL knowledge is preferred</li></ul> <p>What we look for:</p> <ul style="list-style-type: none"><li>• Strong academic background</li><li>• M. tech/BTech in Computer Science or E&amp;C</li><li>• Good understanding of programming languages and processor architecture</li><li>• Good understanding of Operating System Fundamentals. Knowledge of Linux kernel is a plus</li><li>• Strong C/C++ programming skills</li><li>• Knowledge of scripting (Perl or python) is a plus</li><li>• Candidates should have a solid background in<ul style="list-style-type: none"><li>▪ a) Operating System, Algorithm development</li></ul></li></ul>
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- b) Knowledge on Object-oriented programming is highly a Plus in C / C++ Or Java
- c) Aptitude in innovative and optimal designs
- Exposure to Digital Systems, Computer Architecture, Computer Arithmetic, Software Engg., C & C++ programming languages, assembly language programming, system level integration & system level programming is preferred.
- Good communications skills and ability and desire to work as a team player are a must.

**Joining By:** 18 July 2022

## Salary Details

**CTC:** 2,406,248 INR Per Annum

**Gross:** 2,406,248 INR Per Annum

**CTC Breakup:** Compensation Components Direct Campus  
 B.Tech (IC1) Dual Degree / M.Tech (IC2)  
 Base 1,550,000 1,725,000  
 Retirals 130,278 144,986  
 Base + Retirals 1,680,278 1,869,986  
 Sign on Bonus 300,000 300,000  
 Value of key benefits 75,970 78,689  
 Total Compensation 2,056,248 2,248,675  
 Equity Value - Overall 4 Years 1,400,000 1,700,000  
 Equity Value – Annual 350,000 425,000  
 Total Compensation + Equity of 1 year 2,406,248 2,673,675  
 Total CTC + Equity of 4 years 3,456,248 3,948,675

## Selection Process

**Resume Shortlist:** Yes

**Written Test:** No

**Online Test:** Yes

**Group Discussion:** No

**Medical Test:** No

**Personal Interview:** Yes

**No. of Rounds:** 2

**No. of Offers:** 8

**Minimum CGPA:** 8

## Eligibility

**Recruiting  
PHDs:** No

**Eligible  
Departments:** B.Tech in Computer Science & Engineering, B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Mathematics & Computing, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Control & Automation, M.Tech in Integrated Electronics & Circuits, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in VLSI Design Tools & Technology, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in VLSI Design Tools and Technology