Proforma

Companies open to your department

Company :	NVIDIA
Company Name :	NVIDIA
Nature Of Business :	Semicondutor / Software
Designation :	Software Engineer
Tentative Job Location :	Pune, Bangalore, Hyderabad

Description :

SYSTEM SOFTWARE TEAM â€" GPU / TEGRA

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 softwareâ€™s various driver modules/features/tools/performance

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:

- Principles of hardware operation: CPU and memory architecture, buses and interconnects

- Operating System fundamentals: multi-processing and scheduling, memory management, privilege modes, file systems and device driverss

    â€¢Â Â Â Algorithms and data structures

    â€¢Â Â Â Principles of parallel computing

    â€¢Â Â Â C and/or C++ programming languages

    â€¢Â Â Python / PERL knowledge is preferred

What we look for:

- Strong academic background
- M. tech/BTech in Computer Science or E&C
- Good understanding of programming languages and processor architecture
- Good understanding of Operating System Fundamentals. Knowledge of Linux kernel is a plus
- Strong C/C++ programming skills
- Knowledge of scripting (Perl or python) is a plus
- Candidates should have a solid background in
    - a) Operating System, Algorithm development
    - b) Knowledge on Object-oriented programing 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.

Eligibilty :

Department	BT	BS	MT	DoubleMajor	dual	dualB	dualC	Mdes	MBA	Phd	MSc	MSR
AE	N	-	N	N		N	N	N	-	-	N	-	N
BSBE	N	-	N	N		N	N	N	-	-	N	-	N
CE	N	-	N	N		N	N	N	-	-	N	-	N
CHE	N	-	N	N		N	N	N	-	-	N	-	N
CSE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
EE	Y	-	Y	Y		Y	Y	Y	-	-	N	-	Y
ES	-	N	N	-		N	-	N	-	-	N	-	-
ME	N	-	N	N		N	N	N	-	-	N	-	N
MSE	N	-	N	N		N	N	N	-	-	N	-	N
PHY	-	N	-	N		N	N	N	-	-	N	N	-
CHM	-	N	-	N		N	N	N	-	-	N	N	-

MTH	-	N	-	N	N	N	N	-	-	N	N	-
ECO	-	N	-	N	N	N	N	-	-	N	-	-
DES	-	-	-	-	-	-	N	N	-	N	-	-
IME	-	-	N	-	-	N	N	-	N	N	-	-
CGS	-	-	-	-	-	-	-	-	-	N	-	N
HSS	-	-	-	-	-	-	-	-	-	N	-	-
EEM	-	-	N	-	-	N	-	-	-	N	-	-
MSP	-	-	N	-	-	-	-	-	-	N	-	-
NET	-	-	N	-	-	N	-	-	-	N	-	-
PSE	-	-	N	-	-	N	-	-	-	N	-	N
Stats	-	-	-	-	-	-	-	-	-	N	N	-

Cost to Company :

Softare Engineer - NCG Comp - FY22		
Compensation Components	**Direct Campus**	
	B.Tech (IC1)	**Dual Degree / M.Tech (IC2)**
Base	**1,475,000**	**1,650,000**
Retirals	123,974	138,683
Base + Retirals	1,598,974	1,788,683
Sign on + Anniv Bonus	**300,000**	**300,000**
Value of key benefits	54,249	54,621
Total Compensation	**1,953,223**	**2,143,304**
Equity Value - Overall 4 Years	1,200,000	1,600,000
Equity Value â€“ Annual	300,000	400,000
Total Compensation + Equity of 1 year	**2,253,223**	**2,543,304**
Total CTC + Equity of 4 years	**3,153,223**	**3,743,304**
Annualized total pay	**2,103,223**	**2393304**

Package Details :

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Bond : False

Medical Requirements : NA

Resume Shortlist : True

Resume Shortlist Criteria: 8 and above CGPA

Aptitude Test: True

Aptitude Test Duration: 00:15

Group Discussion: False

Technical Test: True

Technical Test Duration: 00:45

Technical Interview: True

Technical

Interview Duration:	01:30
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	00:15