

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

SYSTEM SOFTWARE TEAM – 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 software'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 drivers
 - Algorithms and data structures
 - Principles of parallel computing
- C and/or C++ programming languages
- Python / PERL knowledge is preferred

Description :

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.

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
BT	No	No	No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
MT	No	No	No	No	Yes	Yes	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
DoubleMajor	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dualB	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	No	--	--	No	--	No	No	--
dualC	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
Phd	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSc	--	--	--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	--	No
MSR	No	No	No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	No	--	--	--	--	No	--

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

Cost to Company :

Equity Value – 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
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Bond :	False
CPI CutOff :	0.0
Medical Requirments :	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
Additional Information:	