

**Company :** Qualcomm  
**Company Name :** Qualcomm India Pvt Ltd  
**Nature Of Business :** SemiConductor  
**Designation :** Multimedia systems engineer  
**Tentative Job Location :** Bangalore, India

**Job Function:** Qualcomm is the innovation leader in the area of integrated chipsets that power advanced mobile devices. We are building on and expanding our reputation as the industry powerhouse for innovation in both wireless technologies and enabling advanced multimedia capabilities. Join Qualcomm India and become part of the growing multimedia systems team that innovates to bring the higher performance on mobile multimedia capabilities at the lowest power consumption and device cost, while providing the strongest feature differentiation. Qualcomm multimedia systems group provides camera, video and vision IP solutions for all of Qualcomm’s Snapdragon processors including mobile, automotive and XR. The team’s scope includes algorithm and architecture design for image processing, video codecs, video analytics, computer vision and machine learning with power and performance optimization. The selected candidate, along with his/her colleagues and other team members, will have responsibilities in one or more of the following areas:

1. Research and develop image/video processing algorithms, machine learning & optimization frameworks for the related domains.
2. Design and implement C/C++ simulator for modeling the HW functions & processing pipeline (for camera ISP or video codec). The simulator will be used for algorithms development, verification, and quality evaluation.
3. Work on performance and power analysis & optimization for the multimedia use-cases.

6. Minimum Qualifications

- Description :**
1. Experience with image/video processing and computer vision.
  2. Understanding of computer architecture basics
  3. Proficiency in C/C++

7. Preferred Qualifications

1. Strong analytical and mathematical skills to develop image processing & computer vision algorithms
2. Knowledge of video codecs such as HEVC, H.264/MPEG-4.
3. Working experience with machine learning

8. Keywords

1. Image processing, Video processing, Video codec, Computer vision, multimedia, multimedia architecture, performance models

9. Educational Requirements

1. Required: Master’s, Computer Science and/or Electrical Engineering
2. Preferred: Doctorate, Computer Science and/or Electrical Engineering

Eligibility :	Program	AE	BS	BE	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	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
	BS	--	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--	--
	MT	No	No		No	No	Yes	Yes	No	No	No	--	--	--	--	--	No	--	--	No	No	No	Yes	--
	DoubleMajor	No	No		No	No	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dual	No	No		No	No	Yes	Yes	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--	--
	dualB	No	No		No	No	Yes	Yes	--	No	No	No	No	No	--	No	--	--	No	--	No	Yes	--	--
	dualC	No	No		No	No	Yes	Yes	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--
	Mdes	--	--		--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--	--
	MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	Phd	No	No		No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No
	MSc	--	--		--	--	--	--	--	--	--	No	No	No	--	--	--	--	--	--	--	--	No	No
	MSR	No	No		No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	No	--	--	--	Yes	--	--

Systems Engineer	Base Pay	Sign on	Relo	retention bonus	stock
( Only for DD/ Masters /MSR )	15,00,000	9,60,000	50,000	500000 (Paid after 12 Months )	\$16,000

**Cost to Company :**

**Restricted Stock Value Awards (Vesting in 3 years )\*\*, Based on Individual & Organization Performance || \*\*RSU -33% vesting every year . Additional Benefits: Relocation Assistance, Insurance, Transportation.**

Systems Engineer	Base Pay	Sign on	Relo	retention bonus	stock
( Only for DD/ Masters /MSR )	15,00,000	9,60,000	50,000	500000 (Paid after 12 Months )	\$16,000

**Package**

Details :	Restricted Stock Value Awards (Vesting in 3 years )**, Based on Individual & Organization Performance    **RSU -33% vesting every year . Additional Benefits: Relocation Assistance, Insurance, Transportation.
Bond :	False
CPI CutOff :	0.0
Medical Requirments :	NA
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test	N/A
Duration: Group	False
Discussion: Technical Test:	True
Technical Test	N/A
Duration: Technical Interview:	False
HR Interview:	True
HR Interview Duration:	N/A
Additional Information:	