

2011 Qualcomm Summer Internship Opportunity

Project Name: Camera Algorithm Development

Location: San Diego

Department: Engineering – Systems

Project Description: The Camera Systems Team creates innovative solutions for pixel, color, and spatial digital processing for cameras. We seek an intern to assist with the design of algorithms for various applications and to prototype ideas for performance analysis and demonstrations. Projects range from object detection, color enhancement, image filtering, and picture encoding techniques.

Job Responsibilities: Research future areas of innovation for the Qcamera solution in QCT chip sets. Evaluation of talent for future growth of the camera team. Form strategic partnerships with university contacts/labs in image and color processing.

Technical Requirements:

Digital/Statistical Signal Processing

Color Processing

C and Matlab

Preferred Degree level & Program: PhD in Electrical Engineering, Computer Science

Additional degree(s) or areas of academic emphasis desired: Signal / Image Processing

1-5 New grad opportunities available if this intern performs well

Please Contact Xiaoyun Jiang xjiang@qualcomm.com or Hau Hwang hhwang@qualcomm.com if interested.