

*From a CIS alum: "Though the description says the position requires working experience, good fresh graduates will be considered too. BTW, seven engineers in the group are CIS alumni."*

## Senior Image Tuning Engineer - GoPro

Engineering | San Mateo, CA, United States

### Company

GoPro is the world's leading activity image capturing company. GoPro produces the famous HERO® line of wearable and gear-mountable cameras and accessories, making it easy for people to capture and share life's most exciting moments. GoPro's products are sold through specialty retailers in over 40 countries and online at [www.gopro.com](http://www.gopro.com). No more missed footage because the camera was stuffed in the backpack or left in the car. Finally, get the shot that makes you look like a HERO...GoPro.

### Position

GoPro is seeking a top tier candidate for the Image Tuning Engineer role. This position will help design and develop methodologies that are required to analyze, correlate, and improve the image quality of GoPro's camera product line. Specifically, the Image Tuning Engineer's responsibilities include performing per camera calibration, tuning various DSP blocks to improve image quality, and performing root cause analysis of image artifacts or poor image quality performance. The position also requires designing and developing scripts to aid in collecting and analyzing image quality.

### Responsibilities

- Correlate and automate software for optimized image processing tuning
- Interface with sensor and optics team
- Interface with image signal processing chip vendors and camera integrators
- Travel to Asia when needed

### Requirements

- B.S. or M.S. in Computer Science, Electrical Engineering, or related fields
- 6+ years of industry experience directly in DSP tuning and camera calibration
- Expertise in C, C++, MatLab, Object-oriented design, Scripting languages
- In-depth knowledge of and experience in objective image quality measurement and testing
- In-depth knowledge of and experience in subjective image quality evaluation
- Knowledge of and experience in DSP, image processing, filtering techniques
- Experience in managing relationships with ISP vendors
- Ability to work well individually and within groups
- Strong interpersonal communication skills

GoPro is an equal opportunity employer. Go to <http://gopro.com/careers> to apply.