

# Internship — Computer Graphics and Visual Computing

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## About Vipshop

**Vipshop Holdings Ltd**, a NYSE-listed company (NYSE: VIPS) is a leading online discount retailer for brands in China. The Company offers high quality and popular branded products to consumers throughout China. **Vipshop** has established a dominant leadership position in China's online discount retail market.

**VIPShop (US) Inc.**, the US R&D center of VIPShop Holdings Limited (NYSE: VIPS), focuses on advanced research and technology development in the areas of Mobile platform, Big data system and emerging technologies.

## Job Summary

- Contribute to company's strategic Internet of Things (IoT) initiatives by participating visual computing technology effort, including 3D computer vision, augmented/mixed reality, wearable computing, and vision graphics (e.g., image/video-based 3D modeling and rendering)
- Collaborate with a seasoned international team to drive the design and implementation of innovative IoT solutions that improve consumers' everyday commerce and life experiences

## Desired Skills & Experience

- Master/PhD program in Computer Science, Computer Engineering, or Electrical Engineering with graphics background.
- Good knowledge and understanding of computer graphics fundamentals.
- Experience in meshing algorithms, 3D mesh processing, mesh semantic segmentation.
- Experience in developing real-time computer graphics systems.
- Solid programming skills in C and C++, other programming languages are pluses.
- High-performance GPU programming and GPU performance tuning on mobile devices.
- Any experience in one of the following: visual interpolation, realistic texture rendering, computer-aided animation, 3D physically-based simulation, 3D human shape and motion analysis and auto-rigging is a plus.
- Strong research/problem solving skills and keep up with the latest findings and trends in the domain of computer graphics.
- Passion for quality products, software development principles and best practices.

## Added Advantage

- Bilingual in English and Chinese a plus

### **Job Benefits**

Competitive salary based on experience. Enthusiastic and intelligent coworkers, startup environment backed by strong financially successful company listed on NYSE.