GPU Software : Job Overview

The Interactive Media Group (IMG) provides media and graphics software foundation for iOS and macOS based products, from iPhone, iPad and iPod touch, to Apple TV, iTunes, and Mac. Combining cutting-edge software techniques with next-generation hardware, IMG takes the media experience to the next level.

As part of the IMG, the GPU Software team is responsible for developing the graphics foundation for all iOS and macOS based products. Responsibilities span from low-level GPU driver and compiler development to implementing APIs such as Metal, OpenGL and OpenCL. Our technology provides the GPU acceleration that drives Apple's unique UI and high-quality video and camera features. It enables the advanced graphics seen in today's top games and other apps running on iPhone, iPad and the Mac.

Areas you can work in
- Metal
- Compiler Development
- Developer Tools
- Performance Analysis
- GPU and Display Driver Development
- Power Management
- Embedded Firmware Development
- Graphics Test Engineering
- Display Port Interface
- Build and Release
- GPU Rendering & Compute Algorithms

If you're interested in any of these following areas
- Software Engineering (Algorithms, optimization, data structures)
- Advanced graphics rendering techniques
- Computer architecture
- Operating systems and device drivers
- Embedded systems and parallel processing
- 3D Graphics and game technologies
- Metal and other graphics/compute APIs
- LLVM/clang, compiler development
- C/C++ programming
- Machine Learning

Should have taken or currently taking some of the following classes

Education

Must be currently enrolled in BS/MS/PhD program in Computer Science, Software Engineering, Electrical Engineering or related fields. To be eligible for an internship, you must also return to school after the internship to continue education or an internship must be required for graduation from your school.

To apply for internship or full-time opportunities, please submit your resume to AppleGPU@apple.com

Apple is an Equal Employment Opportunity Employer that is committed to inclusion and diversity. We also take affirmative action to offer employment and advancement opportunities to all applicants, including minorities, women, protected veterans, and individuals with disabilities.