3D Software Developer

Keywords: Framework, GUI, 3D graphics, 3D scene reconstruction, spatial database.

Background

Quidient's flagship Digital Product is its "Locale" SDK, a Software Development Kit that is used by development partners to build revolutionary scene processing applications. The Locale SDK is deployable in a variety of configurations for running across various physical platforms including smartphones, digital cameras, UAVs and wearables.

Overview

Quidient seeks a skilled software developer with strong 3D technology experience to join our growing company. You will be able to design, implement and test Quidient Locale engine, database, and application code in C++. You will be a quick thinker with great coding/debugging skills, excellent time-management skills and strong collaborative skills. Title, compensation (including equity) and relocation expense reimbursement will be commensurate with experience.

Requirements:

- Bachelor's degree or higher in Computer Science, Electrical Engineering or equivalent.
- 5+ years of experience developing production code as part of a high-performance team.
- Deep understanding of multithreaded object-oriented code design, implementation and testing using C++ in the Microsoft Visual Studio development environment.
- Live near, or be willing to relocate to, our tech center in Columbia, MD.

Preferences

- Practical experience interfacing application code with machine vision cameras (e.g., GenICam).
- Experience successfully working in cross-functional teams.
- History of successful delivery of products.
- U.S. citizen or permanent resident with or capable of obtaining DOD security clearance.
- Record of success in 3D technology companies, including startups.
- Familiarity with MATLAB® or Python (NumPy/SciPy) scientific computing environments.
- Brilliant thinker who can contribute both "inside and outside the box."
- Familiarity with hardware design (FPGA programming using VHDL, Verilog or other RTL).

About Quidient

Quidient (www.quidient.com) is a 3D imaging technology company with a tech center located in Columbia, MD. We are scientists, engineers and entrepreneurs who have built some of the most advanced 3D imaging systems in the world. Our mission is to become the world's preferred supplier of scene reconstruction and processing engines for digital devices like smartphones and AR glasses. Our Engines record 3D geometry, materiality and 2D light flowing in generalized scenes and will enable thousands of applications that will transform the way we live and work. We are partnering with some of the top organizations on the planet. Our culture is open, honest, supportive, decentralized, multicultural and high-performance.

If you are interested in a career with Quidient and feel qualified for the position described, please send your resume in confidence to brandon.turley@quidient.com. Quidient is an equal opportunity employer. Direct applications only.