



## Manager, Engine Group

Columbia, Maryland

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### Description

Quidient is seeking a Scene Reconstruction Engineer with experience in creating systems for 3D scene reconstruction with significant team oversight. You will be experienced in developing systems and software used to create 3D reconstructions, and an expert at managing people. You will have the opportunity to work with our engineering team to produce the world's first 5D Generalized Scene Reconstruction engine. This position is full-time, hybrid, and reports to Director of Software Engineering and CTO.

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### Requirements

- Bachelor's degree in computer science or related engineering fields
  - 5+ years of experience developing production code, and 5+ years of experience managing software engineers
  - Strong experience in computer vision and image processing techniques, including stereo vision, structure from motion, SLAM, multi-view geometry, etc.
  - Experience with interviewing candidates, handling performance reviews, and other managerial functions within an engineering team
  - Record of success in 3D technology companies, including startups
  - Meet Quidient, customer, and government security requirements, which may include, but are not limited to a background check, citizenship verification, and Criminal Justice Information Services verification
  - This position is not eligible for H-1B sponsorship
  - Live within easy commuting distance of our Technology Center in Columbia, Maryland
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### Preferences

- Background in high-performance computing, including GPUs, FPGAs
- Experience with COLMAP or other 3D reconstruction software, including feature extraction, matching, triangulation, and bundle adjustment

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## Compensation

The salary range for this position is \$165,000-\$195,000. Quidient benefits currently include Health Insurance, 401K plan, basic life insurance, long-term disability insurance, supplemental insurance, Holidays, and Paid Time Off (PTO). Title, bonuses, equity, allowances, and benefits commensurate with education, experience, and other qualifications.

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## About Quidient

Quidient ([www.quidient.com](http://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. We are the first mover in a transformational new domain called Generalized Scene Reconstruction (GSR). Our mission is to become the world's preferred supplier of scene reconstruction and processing engines. We are partnering with some of the top organizations on the planet. Our culture is open, honest, supportive, decentralized, multicultural, and high-performance.



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*Quidient is an Equal Opportunity Employer. Quidient will consider all qualified applicants without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other classification protected by applicable state, federal, or local laws.*

*If you are interested in a career with Quidient and feel qualified for the position described, please send your resume in confidence to [lee.rannals@quidient.com](mailto:lee.rannals@quidient.com). Direct applications only.*