



3D Computer Vision Engineer

SUNNYVALE, CA SOFTWARE FULL-TIME

Matterport is a fast-growing startup that is shaking up the 3D world. Our team has developed an end-to-end hardware and software solution that allows anyone to create, edit, and share 3D models of real-world spaces. Our tools are already used by thousands of professionals in a variety of industries, including real estate, hospitality, entertainment, media, and location-scouting. Our dedicated users create over 20,000 models per month, and these models have been viewed over 70 million times.

Responsibilities

As a member of the computer vision team, you'll be responsible for developing robust completely-automated computer vision algorithms to handle any real-world environment these users can throw at us, from small objects captured with mobile devices all the way up to massive stadiums. In the past year, our team has developed a mobile scanning app for Google Tango, delivered dramatic improvements in high-dynamic-range panoramic image quality, and helped the company expand into virtual reality with improved navigation, more accurate geometry, and semantic room modeling.

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Qualifications

- Proficiency in C++ is a must!
- Experience with tools such as OpenCV, Eigen, Ceres Solver, or TensorFlow is a bonus
- 5+ years of software development experience preferred
- **2+ years of experience in computer vision or related area required.**

Matterport is an Equal Opportunity Employer and values diversity. We do not discriminate on the basis of race, color, national origin, ethnicity, gender, protected veteran status, disability, sexual orientation, gender identity, or religion. We are committed to providing employees with a work environment free of discrimination and harassment.