Computer Vision Engineer – Photoreal Capture

Bellevue, WA | Seattle, WA

Apply to Job

As a Computer Vision Engineer, you will be responsible for developing and implementing advanced computer vision algorithms to enable photorealistic capture for immersive applications. You will work closely with our research team to bring innovative computer vision solutions to production. Your expertise in computer vision, graphics, and 3D reconstruction will be crucial in pushing the boundaries of augmented and mixed reality.

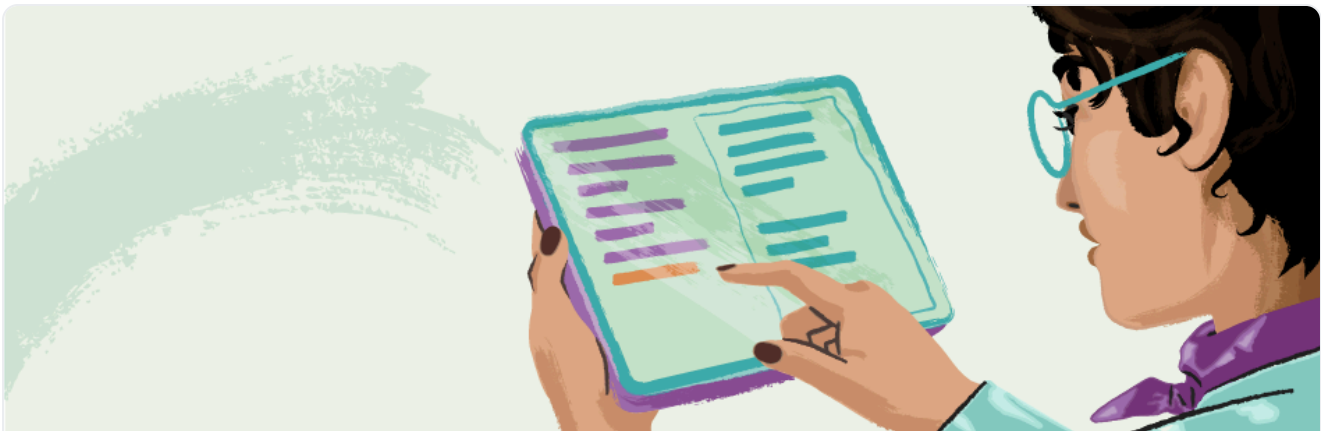## Computer Vision Engineer – Photoreal Capture Responsibilities

- Ability to design new computer vision solutions or bring existing ideas to production with scale, reliability, and performance in mind.

- Strong engineering craft including writing well-organized code, proper testing and documentation, and building on top of existing code or building new solutions from scratch as needed.

- Ability to complete medium to large computer vision features spanning multiple tasks independently with minimal to no guidance.

- Strong understanding of the assigned codebase or system and ability to identify and drive changes as needed.

- Ability to get things done effectively through close collaboration with other engineers and researchers on the team and driving collaboration with cross functional and partner teams.

Computer Engineering, relevant technical field, or equivalent practical experience. Degree must be completed prior to joining Meta.

- Track record of delivering research into production, driving algorithmic changes towards on-device optimization

- Experience developing computer vision and/or 3D Reconstruction algorithms in C/C++

Preferred Qualifications

- Familiarity with 3D reconstruction including structure-from-motion, pose estimation, feature detection, and tracking.

- Familiarity with graphics systems including rendering and performance optimization.

- Familiarity with mobile development and/or VR development.

Start preparing

Learn about how to prepare for your interview with our interview guide, tips, and interactive experiences.

Visit interview prep

Locations

About Meta

Meta builds technologies that help people connect, find communities, and grow businesses. When Facebook launched in 2004, it changed the way people connect. Apps like Messenger, Instagram and WhatsApp further empowered billions around the world. Now, Meta is moving beyond 2D screens toward immersive experiences like augmented and virtual reality to help build the next evolution in social technology. People who choose to build their careers by building with us at Meta help shape a future that will take us beyond what digital connection makes possible today—beyond the constraints of screens, the limits of distance, and even the rules of physics.

Meta is committed to providing reasonable support (called accommodations) in our recruiting processes for candidates with disabilities, long term conditions, mental health conditions or sincerely held religious beliefs, or who are neurodivergent or require pregnancy-related support. If you need support, please reach out to accommodations-ext@fb.com.

$117,000/year to $173,000/year + bonus + equity + benefits

Individual compensation is determined by skills, qualifications, experience, and location. Compensation details listed in this posting reflect the base hourly rate, monthly rate, or annual salary only, and do not include bonus, equity or sales incentives, if applicable. In addition to base compensation, Meta offers benefits. Learn more about benefits at Meta.

Related Job Openings

Applied AI Research Scientist Lead, Generative AI

Bellevue, WA + 3 More

Fundamental Research Scientist - Generative AI

Bellevue, WA + 4 More

Research Scientist Intern, Language Generative AI (PhD)

Bellevue, WA + 3 More

Research Scientist Manager, Generative AI

Bellevue, WA + 4 More

Research Scientist, Generative AI (PhD)

Bellevue, WA + 4 More

Research Scientist, Generative AI – Speech & Audio

Bellevue, WA + 4 More

→ View All Related Jobs

Meta is proud to be an Equal Employment Opportunity and Affirmative Action employer. We do not discriminate based upon race, religion, color, national origin, sex (including pregnancy, childbirth, reproductive health decisions, or related medical conditions), sexual orientation, gender identity, gender expression, age, status as a protected veteran, status as an individual with a disability, genetic information, political views or activity, or other applicable legally protected characteristics. You may view our Equal Employment Opportunity notice here. We also consider qualified applicants with criminal histories, consistent with applicable federal, state and local law. We may use your

Meta

Law notice, and Notice to Applicants for Employment and Employees by clicking on their corresponding links. Additionally, Meta participates in the E-Verify program in certain locations, as required by law.

Meta is committed to providing reasonable accommodations for qualified individuals with disabilities and disabled veterans in our job application procedures. If you need assistance or an accommodation due to a disability, you may contact us at accommodations-ext@fb.com.

Let us know you're interested.

Share your resume or LinkedIn profile with our recruiting team and create personalized job alerts.

→ Create career profile

About us

Company info

Newsroom

Looking for contractor roles?

On social

Facebook

Instagram

LinkedIn

Threads

Our policies

Candidate privacy statement

Cookies

More resources

Family safety center

Meta for business

Meta for developers

Report a bug

© Meta 2024