



Unity graphics engineer

Are you a hands-on problem solver ? You love computer graphics ? Looking to use your skills to bring innovative solutions to the space industry ? Then we want you on our team ! At **Blackswan Space**, we're shaping the future by empowering satellites with intelligent software. Our team continues to improve our flagship product – the Mission Design Simulator (MDS) that is not only able to model space physics accurately, but also provides photo-realistic 3D graphics running in real-time. This enables our customers to quickly prototype, test and operate their satellite missions, including the most fascinating ones such as repairing, building and cleaning up defunct satellites.

To level up your development knowledge and abilities all while helping build the future space economy, [send us your CV !](#)

Job Description

- Designing and developing graphical features for MDS.
- Graphical issue troubleshooting and debugging.
- Simulating and developing physical camera effects.
- Advancing the simulator's photo-realism.
- Work closely with other product teams to understand their needs and provide solutions.

Job Requirements

- Good understanding of computer graphics including shaders, path/ray tracing, physically based rendering and lighting models.
- 2+ years' experience of development with Unity 3D and C# is a must.
- Understanding of Unity's HDRP and experience using it.

Assets

- Knowing Python
- Fundamental understanding of optics.
- Experience in writing multi-threaded code.
- Experience working with Linux, Mac.
- Understanding of maths, physics, orbital mechanics, multi-body dynamics is a big plus.

Job Location: Vilnius city center

Employment Type: Full time on-site

Salary range: €2,000 – €3,000/month NET depending on experience

Working at Blackswan Space - What's in it for me?

- Solve unique problems that have not been tackled yet in a rapidly growing industry.
- Work alongside highly motivated individuals who share your values and are passionate about space.
- Flexible and supportive working environment with real ownership of your work.
- Time allocation for personal improvement in necessary technical subjects.
- Ability to work on projects that match your passions with significant career growth potential.

To Apply: Please send your CV to info@blackswanspace.com