



Senior Graphics Programmer - [Snowdrop] (f/m/d)

Düsseldorf - Full-time - 743999957830286

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The Snowdrop engine is efficient and flexible, enabling relatively small teams to create ambitious AAA games. At the core of the Snowdrop engine, we want to empower the developers. The Snowdrop engine, with its flexible and empowering tools, has helped develop a number of Ubisoft titles such as Avatar: Frontiers of Pandora, Star Wars Outlaws, The Division and South Park.

The Senior Graphics Programmer develops graphics functionalities within the engine to develop the best visuals possible.

What you will do:

- Further development of our existing Snowdrop 3D-Engine in context of a AAA game
- Improve the terrain and landscape rendering module
- Enhance global illumination rendering and do general performance analysis and optimization on the graphics level
- Collaborate with other game teams

What you bring:

- Bachelor or Master degree in computer science or any other relevant discipline
- Strong skills in C++
- Very good knowledge of advanced mathematics
- Good debugging and problem solving skills
- Ability & desire to work as a team player
- Self-direction and motivation
- Strong ability for analysing and extending existing code
- Ability to collaborate with artists on graphics techniques
- Knowledgeable in a variety of special FX techniques and the latest rendering algorithms
- Excellent communication and good English skills

Nice to have:

- DirectX-knowledge

- Compute shader experience
- Experience in working on projects with multi-threaded rendering
- Knowledge about procedural generation of game content

Your benefits:

- Relocation Support: We offer financial support in form of a cash allowance and assistance with accommodation search and settle-in support via our relocation partner, for international candidates we offer visa assistance
- Ubisoft Blue Byte Academy: We offer multiple opportunities for you to discover your full potential and develop yourself in various areas. Guest speakers from the industry, workshops and access to our training and development platform
- Discounted Games: Discount on employee game orders & free Ubisoft games on Ubisoft Connect
- Monthly Mobility Budget: 80€ per month that can be used on bicycle lease, parking spot rental or public transportation ticket
- Up To 350€ Childcare Support Per Child Per Month: In addition, we also offer 5 'care for ill children days' per child per year
- Self-study And Training Hours: You have access to our in-house library
- Company Pension Scheme
- Gym Subsidy: We contribute 50% (up to a maximum amount of 25€) towards the monthly cost of a gym membership of your choice
- Hybrid Work Model: Provides the flexibility to combine working from the studio and your home within Germany
- 26 Days Paid Vacation Per Year: Additionally, you will get half a day off on Christmas Eve and New Year's Eve and approximately 11 bank holidays
- Corporate Benefits Web Portal: With employee discount programs for affiliated retailers, shops and service providers

We offer a highly motivating challenge for team players interested in showing personal initiative in an innovative and international company. If you are passionate about video games and would like to join an industry leader - please apply via our career portal.

For further information, please check <https://duesseldorf.ubisoft.com/en/>