IDP @ **viso**nation.

Imagine your future home: even before construction begins, you can step inside and explore it in virtual reality. Walk through each room, switch between design styles, test out materials and furnishings, and customize every detail — all in real time. We make this possible! 🚀

Our platform combines a high-fidelity architectural walkthrough with a powerful real-time furnishing configurator to create an immersive and interactive experience like never before. Transform the way people buy and design real estate with us! ✨🏠🎮

Industry:

Software and AI development, architectural visualization, interior design, real estate marketing

We are looking for:

• **IDP Students: Bring our apartment configurators to life in VR-Goggles!** Development of a VR-framework in a game engine (Unreal Engine), integration of our product configurator into VR environments, optimization for high-performance rendering on GPU, gamification of architectural walkthroughs.

• **You will experience the whole development cycle from ideation to product.** Turn your creativity, curiosity, and skills into something meaningful! You'll be supervised by the Entrepreneurship Research Institute (ERI). Our cofounders were IDP students themselves and we already supervised multiple IDPs, so we know what you need to succeed. Expect a flexible and fun project where you'll learn a lot and get real insight into life at a startup.

Contact person:

Lennart Pauli

lennart.pauli@visonation.com

We are located at TUM

Stammgelände, so let's grab a coffee and ideate! 😊

Supervisor:

Prof. Amy Zhao-Ding, PhD

TUM ERI

amy.zhaoding@tum.de