

Victor Kozub - Avatar

Github: <https://github.com/xen1024/awesome-public>

Github: <https://github.com/web3cryptowallet>

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About

I have a strong background in game development. In 2020, I created a multiverse startup called clubavatar.app as part of the Pioneer Tournament (pioneer.app, Danel Gross).

There, I developed the concept of a generative multiverse VR gaming club with powered by AI technologies.

Later, I joined the AI startup **Mind Machine Learning** in San Francisco where I worked on various avatar mechanics such as Retina Eyes path tracing, IK constraints, body movement systems and AI-based body mechanics.

Currently, I'm working on an AI ChatAvatar, a realistic generative avatar assistant for my application and programming language at acpul.org.

Experience

2023-2024 AI Mind Machine Learning, Inc - AI Avatar Swift Developer

AI Avatar 3D Eyes simulator & editor using SceneKit.

Avatar movement training for look human like Retina identification and action.

IK constrains using custom physics for human body deformation AI model.

ai, avatar, AR, VR, Swift, 3D, SceneKit, Metal, shaders, physics, algorithms, ai training, eyes, skeleton

2020 Pionner.app Remote Startup Accelerator - Founder clubavatar.app

Participated in the Pioneer.app remote startup accelerator with several startups: AR/VR virtual club clubavatar.app, the AI generator likeplus.plus and the gaming platform animationcpu.com. clubavatar.app was selected among the Top 30 startups in Europe.

startup, accelerator, Pioneer.app, coach, founder, AR/VR, mobile, iOS, web, no-code, game, generative, ai, avatar, NextJS, node, JavaScript, TypeScript, web, C,

C++, Python, Swift, Objective-C ## Educational Background ### National Technical University of Ukraine 'Kyiv Polytechnic Institute' (2001) Master of Computer Science Specialist's degree in Microelectronics and Software Development ### Kyiv Industrial-Economic College (1999) Bachelor of Electronic Devices ### Pioneer Startup Accelerator (2020) Pioneer Tournament School. Founder Clubavatar.app, Top-30 Europe

Notes

ai, avatar, AR, VR, Swift, 3D, SceneKit, Metal, shaders, physics, algorithms, ai training, eyes, skeleton, startup, accelerator, Pioneer.app, coach, founder, AR/VR, mobile, iOS, web, no-code, game, generative, NextJS, node, JavaScript, TypeScript, C, C++, Python, Objective-C