AJ Weeks Graphics	Lidköpingsvägen 51	(+46) 724 064 797
Programmer	Stockholm, Sweden 121 39	contact@ajweeks.com
	modern realtime graphics technique optimization . I have solid problem s	ammer with a strong understanding of es, game engine architecture , and olving abilities, I'm a fast learner, and I'm keen s to achieve the best possible results.
—	Avalanche Studios Group / Experienced Graphics Programmer JAN 2022 - DEC 2023, STOCKHOLM, SWEDEN Graphics Programmer on Contraband (open world AAA in-development title). Responsibilities primarily include improving the raytraced global illumination and shadow rendering systems, maintenance of the engine, and optimizing CPU & GPU workloads. Technologies used: Proprietary engine (Apex Engine) (C++, HLSL), Perforce, PIX	
	pipeline, load times, optimization), a	ull time employment as a generalist rily included engine development (render
Projects	features such as tessellated water , j simulation, screen-space ambient o	. Physically-based renderer supporting procedural terrain, GPU-based particle cclusion, cascaded shadow mapping, and s physics simulation, audio engine, UI ene serialization. (<u>GitHub</u>)
		arch paper describing novel, scalable, & dynamic responsible for implementation in production.
	Raymarching Workshop 2018 Workshop given to colleagues sharin raymarching rendering technique.	ng the theory and application of the
 Education	Physics, & AI programming, Applied	0