M. Jerome Stephan

3D TECHNICAL ARTIST & PROGRAMMER

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Experience and Research

Freelance 3D Artist
FREELANCING — Various, 2016 - Current

- Created stills and animations for diverse clients
- Developed 3D animations for the Nintendo Switch announcement of Move or Die
- Animated a music video for electronic music band Maximum Love

Simulating and visualising infection spread using real-world movement and contact data
BACHELOR THESIS — Potsdam, Germany, 2022

- Developed a procedural Houdini workflow for an individual-based simulation
- Code in Houdini nodes and Python

Computer Graphics Research Group, Hasso Plattner Institute
UNDERGRADUATE RESEARCHER — Potsdam, Germany, 2021 - 2022

- Implementation of Intrinsic Image Decomposition into an existing iOS app framework

Human Computer Interaction Research Group, Hasso Plattner Institute
UNDERGRADUATE RESEARCHER — Potsdam, Germany, 2019 - 2020

- Game development for a video game console created for visually impaired people
- Used Unity to develop various small games in a 4 person team for the haptic console Dual-Panto involving target group feedback

MovieBrats Studios
INTERNSHIP — Berlin, Germany, 2016

- VFX work including compositing, 3D rendering and color grading

Education

B.Sc. IT Systems Engineering
HASSO PLATTNER INSTITUTE — Potsdam, Germany, 2019 - Current

- Web app development in a team of 40 people as part of software dev course

Skills

Programming	Python, C++, C, Jamstack, UNIX
3D	Houdini, Cinema4D, Substance Painter
Render Engines	Redshift, Octane
Post Editing	Nuke, After Effects, Photoshop
Processes	Scrum, Kanban

Languages

German	● ● ● ● ●
English	● ● ● ● ●
French	● ● ● ● ○
Spanish	● ● ○ ○ ○
Norwegian	● ○ ○ ○ ○

Interests

Music
- Guitar (Teaching): Played for 12 years, taught for 2 years at a music school
- Piano: Played for 9 years

Cultural
- Travelling: Spent 2 years total in France, Spain, China and other countries thanks to exchange programs
- Language learning

Sport
- Capoeria Gerais
- Standard, Swing and Latin dance