

Gerardo Fidel Ochoa

*Pipeline TD ■ USD Specialist ■ Houdini
Technical Director*

Buenos Aires

Argentina

+54 11 5041-9653

fidel8a@gmail.com

portfoliofxtd.f8a.site/index.php

[in](#) [ochoagerardofidel](#)

Professional Profile

Technical Artist and Houdini TD with over 15 years of experience in VFX for film and commercials worldwide. Specialized in USD/Solaris pipelines, automation with Houdini PDG, and tool development with Python/PyQt. Advanced proficiency in Arnold, Mantra, Karma, and Redshift. Contributed to internationally renowned feature films, including productions by Oscar-winning director Juan José Campanella, and at top-tier studios like Skydance Animation.

Technical Skills

FX / Simulation	Houdini, FLIP, Pyro, Rigid Body
Pipeline / USD	USD / Solaris, Houdini PDG, OpenPype, Kitsu
Rendering	Arnold, Mantra, Karma, Redshift
Programming	Python, PyQt, Houdini Engine, Git
Other	Maya, Unreal Engine 5, Nuke, 3D Generalist

Professional Experience

Nov 2025 – Present	Pipeline TD / USD Specialist , <i>Freelance</i> , Argentina Consulting and development of VFX pipelines with a primary focus on USD and Solaris. Integration of custom tools with Houdini Engine for Unreal Engine 5.
Nov 2024 – Present	FX TD / Technical Artist , <i>Freelance</i> , Argentina
Mar 2025 – Mar 2026	Houdini TD / Tech Artist , <i>FS Studio</i> , Argentina Designed USD/Solaris pipeline workflows and developed custom tools with Houdini PDG and Houdini Engine for Unreal Engine 5.
Jan 2024 – Mar 2025	Houdini TD / Tech Artist , <i>Dazzle Pictures</i> , Argentina
Feb 2022 – Dec 2023	Houdini TD / Tech Artist , <i>FS Studio</i> , Buenos Aires, Argentina Implemented a robust USD pipeline utilizing Solaris and the Pixar USD API integrated with Houdini PDG. Developed specialized, custom tools using Houdini Engine for Unreal Engine 5.
Sep 2021 – Feb 2022	Senior FX / TD , <i>Skydance Animation</i> , Madrid, Spain
Apr 2021 – Sep 2021	FX Artist , <i>La Sociedad Post</i> , Argentina
Jan 2021 – Sep 2021	FX TD , <i>LAPOSTA VFX</i> , Argentina FX Artist for the Nissan Kicks commercial campaign – “Activá tu Actitud”.
Jan 2020 – Jan 2021	Houdini TD / Pipeline TD , <i>Boat – Visual Lab</i> , Argentina Implemented a USD/Solaris pipeline in Houdini utilizing PDG tools for asset publishing processes. Created a custom volumetric cloud tool (VDB simulation and custom shader design). Developed mocap cleanup and automated ingestion tools inside Houdini for Crowd simulation pipelines.

- Jul 2013 – Jan 2020 **VFX Artist / Supervisor – Owner, Freelance, Buenos Aires**
Created Houdini FX rendered using Mantra and Arnold, implementing a USD+Arnold pipeline. Deployed Kitsu production tracker on private local servers and integrated OpenPype asset management.
- Aug 2019 – Sep 2019 **FX Artist, Bleed VFX, Argentina**
- Sep 2018 – May 2019 **FX TD, 3dar, Argentina**
Developed fluid simulation, shading, and lighting workflows for the feature film “Warriors” (China) and “World” (LD).
- Sep 2016 – Feb 2017 **FX TD, Bleed VFX, Argentina**
- Feb 2015 – Nov 2015 **FX TD, Bitt Animation, Argentina**
- Apr 2014 – Dec 2014 **FX TD, Gizmo, Argentina**
Created fluid, particle, and pyro simulations for the “Deep Blue” teaser. Developed a procedural library of explosions, smoke, and debris for the “Elite Dangerous” trailer.
- Jun 2009 – Mar 2014 **Co-founder & VFX Supervisor, Mosh VFX, Buenos Aires**
Served as VFX Supervisor/Artist for the feature films “Revolución” and “La viuda de los jueves”.
Worked as VFX Artist/TD on “Metegol” (Underdogs), a CGI feature film directed by Oscar-winning director Juan José Campanella.
VFX supervisor and lead artist for multiple high-profile international advertising campaigns.
- Jan 2013 – Jan 2014 **FX TD, Yema VFX, Argentina**
Created FLIP fluid setups and Mantra rendering pipelines for “The Games Maker”. Developed procedural fish crowd systems for the ESMA Museum media project.
- 2008 – 2012 **FX TD / Compositor, Shango VFX, Argentina**
FX and digital compositing for major commercial accounts including Banco Provincia, Epson “Birds”, Propel Gatorade, and others.
- Sep 2006 – Oct 2008 **3D Generalist, Ideas Fijas, Argentina**
Served as Texturing Lead and Compositor for the award-winning animated short film “Anciedades”.

Featured Projects in Film

- Films “Metegol” (Underdogs, 2013) – Dir. Juan José Campanella (Oscar Winner)
- Films “Revolución” (2010) ■ “La viuda de los jueves” (2009)
- Other Elite Dangerous Trailer ■ Deep Blue Teaser ■ Nissan Kicks campaign

Education

- 1996 – 2000 **High School Diploma (Bachiller), Colegio San Luis Rey, Argentina**