

P R E S S K I T

TROUPER



**Futurism
STUDIOS**

**SingularDTV presents in co-production
with Trouper Productions and Futurism Studios**

TRUST MACHINE

THE STORY OF BLOCKCHAIN

A FILM BY ALEX WINTER
USA / 2018 / 84 min / color / in English

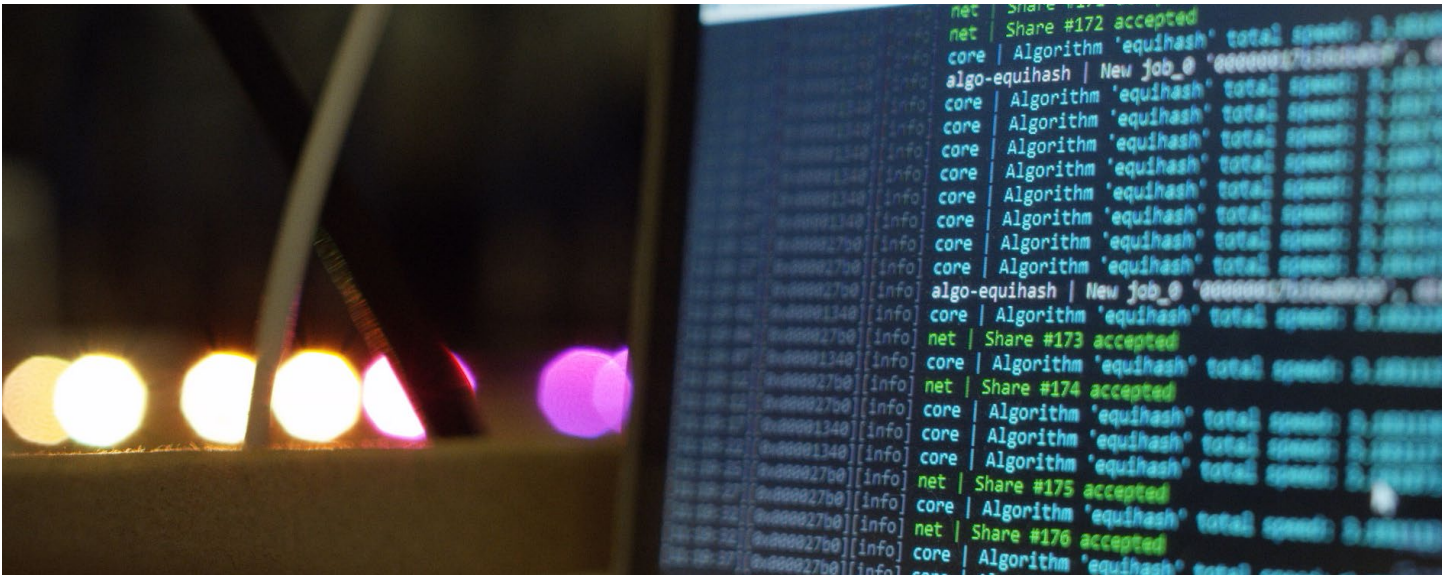
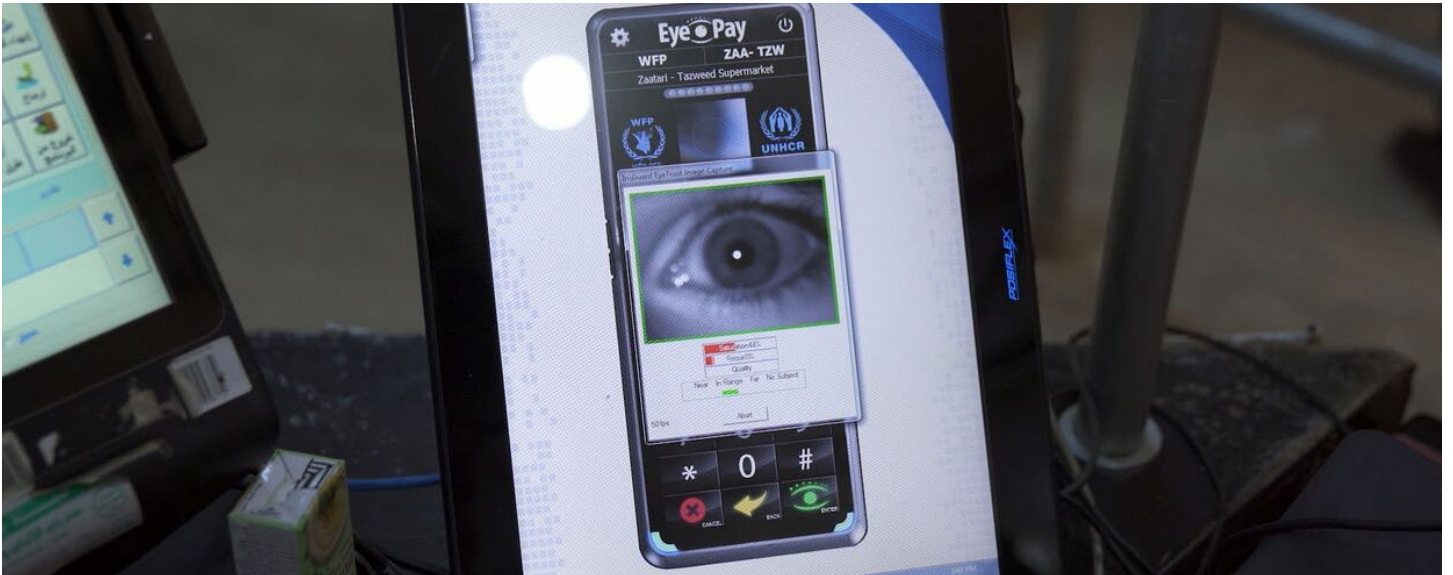
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TRUST MACHINE

THE STORY OF BLOCKCHAIN



SYNOPSIS

Hactivist and blockchain expert Lauri Love fights extradition in **TRUST MACHINE**—his computer skills a threat to the US government. Tech innovators strike a raw nerve as banks and network pundits rush to condemn volatile cryptocurrencies and their underlying blockchain technology. Why are banks terrified while UNICEF embraces it to help refugee children? Award-winning filmmaker Alex Winter reveals that proponents of blockchain—a verified digital ledger—are already using the technology to change the world; fighting income inequality, the refugee crisis and world hunger.

Narrated by Rosario Dawson.

THEATRICAL RELEASES

Friday, October 26, 2018
at Cinema Village, New York
World Premiere

Friday, November 16, 2018
at Laemmle Monica, Los Angeles

Wednesday November 21 2018
at Black Nights Film Festival, Estonia
International premiere



PRESS MENTIONS



Trust Machine: The Story of Blockchain is a compelling new documentary about blockchain and cryptocurrency that is dramatic, poignant, and engaging no matter whether you are working deep in the tech space, a business executive trying to grasp such disruptive changes or the everyday person intrigued about digital privacy, activism and power.

Forbes

■ **Lauren deLisa Coleman**
September 23, 2018



Among other things, Winter will explore the global community of adopters, from billionaire investors, tech innovators and activists who are using the technology to address world hunger, the refugee crisis and income inequality.

SCREENDAILY

■ **Jeremy Kay**
September 21, 2017



Want to know more about blockchain? Alex Winter might be able to help. Produced by SingularDTV and Futurism and narrated by Rosario Dawson, [TRUST MACHINE] explores the global evolution of blockchain technology and questions why it is both condemned and lauded by different major organizations and whether it is merely a bubble about to burst.

DEADLINE.com

■ **Andreas Wiseman**
August 2, 2018



PRESS MENTIONS



Refreshingly unconvinced by hype but still awed by blockchain's potential, the film should have legs once it slides from theaters to streaming, remaining relevant even as this unruly topic develops.

Hollywood
THE REPORTER

■ **John DeFore**
October 24, 2018



The question that hovers over this documentary [...] is just how much potential blockchain technology has to do even more.

The New York Times

■ **Ben Kenigsberg**
October 25, 2018



CREDITS

WRITER AND DIRECTOR

Alex Winter

PRODUCERS

Kim Jackson, Geoffrey J Clark, Alex Winter

EXECUTIVE PRODUCERS

Zach LeBeau, Arie Levy-Cohen, Alex Klokus,
Joseph Lubin

SUPERVISING PRODUCER

Devorah DeVries

NARRATED BY

Rosario Dawson

EDITOR

Tim Strube

DIRECTOR OF PHOTOGRAPHY

Anghel Decca

MUSIC

Bill Laswell

PRODUCTION

SingularDTV

COPRODUCTION

Trouper, Futurism Studios

FEATURING

Naomi Colvin, Tim Draper, Tor Ekeland, Chris Fabian,
John Gilmore, Gramatik, Matthew Green, Sky Guo,
Vinay Gupta, Imogen Heap, Mark Jeffrey, Alan
Keegan, Scott Kessler, Lauri Love, Joseph Lubin,
John Lyotier, Eugene Mutai, Spiros Michalakis,
Michael Oved, Sasha Santiago, Michael Sena,
Laura Shin and Bill Tai



PROTAGONISTS



LAURI LOVE

Lauri Love is a British activist and a computer scientist charged with stealing data from United States Government computers including the US Army, Missile Defense Agency, and NASA via computer intrusion. Lauri faced potential extradition to the United States for his alleged involvement in #OpLastResort, the series of online protests that followed the persecution and untimely death of Aaron Swartz.

On September 16, 2016, Judge Nina Tempia ruled in favor of extradition, passing the case to Secretary of State Amber Rudd, who approved the order. Lauri's legal team then took the case to the High Court, where the Lord Chief Justice issued a landmark ruling in his favor on February 5, 2018. The United States had until February 16, 2018 to send an application to appeal to the Supreme Court.



VINAY GUPTA

Vinay Gupta is a leading figure in the blockchain space, having co-ordinated the release of the blockchain platform Ethereum in July 2015, and was the strategic architect for ConsenSys Systems, a technology hub focusing on the Ethereum blockchain and related applications. He now leads Mattereum's corporate strategy, vision, external communications, investor relations, and reputation.

He was the architect of the National Blockchain Strategy for Dubai and is a partner at Hexayurt Capital, the technology-focused VC firm behind the Internet of Agreements. He was on the editorial team of *Small is Profitable*, winner of The Economist's Book of the Year in 2003.

He has contributed to the US Department of Defense research and was an associate fellow at the UCI Institute for Security and Resilience. As a techno-realist, he believes that technology and engineering, including blockchain, can contribute to positive social and commercial transformation and help deal with resource scarcity.



JOSEPH LUBIN

Joseph Lubin is a co-founder of Ethereum and the founder of ConsenSys, one of the largest and fastest-growing blockchain companies in the world. In 2014, Joseph co-founded the Ethereum Project and founded ConsenSys as a venture production studio focused on building developer tools and decentralized applications on the Ethereum platform.

Prior to working on Ethereum, Lubin's career focused on the intersection of cryptography, engineering, and finance, including his role as VP of Technology in Private Wealth Management at Goldman Sachs. Joseph graduated cum laude with a degree in Electrical Engineering and Computer Science from Princeton University.



LAURA SHIN

Laura Shin is a senior editor at Forbes, managing crypto and blockchain technology coverage (Bitcoin, Ethereum, ICOs, token sales, etc.). She's also the co-lead reporter of the Forbes Fintech 50 list and host of the podcast "Unchained: Big Ideas From The Worlds Of Cryptocurrency and Blockchain." Laura graduated Phi Beta Kappa with honors from Stanford University and holds a Master of Arts degree from Columbia University's School of Journalism.



CHRISTOPHER FABIAN

Christopher Fabian is a technologist who co-founded UNICEF's innovation unit in 2006. He currently leads UNICEF Ventures, and is a principal advisor in UNICEF's office of innovation. Chris led the launch of the \$11 million UNICEF venture fund in 2015, creating the first fund of its kind in the United Nations. The fund uses a venture capital approach to invest in startups working on frontier technologies like virtual reality, machine learning, and cryptocurrency that can have a positive impact on humanity.

The ventures team also makes larger secondary investments in platforms like two drone testing corridors (in Malawi and Vanuatu), launched in 2017, as well as the Magic Box, an open source analytics platform that combines data and engineering from companies like Amadeus, IBM, Google, and Telefonica to produce insights that help the organization make better real-time decisions.

Previously, Chris' teams have worked on technology for low infrastructure environments including award-winning work on RapidPro, an SMS-based information system with more than 3.5 million active users in 35 countries. Chris's academic roles have included teaching at New York University, Tsinghua University, and Indian Institute of Technology Delhi. He has spoken at Google, Facebook, Twitter, and the US Congress on how to create fairness in a world of rapid technological change. In 2013, he was recognized as one of *Time's* "100 Most Influential People."



MARK JEFFREY

Mark Jeffrey is the award-winning co-founder and CEO of Guardian Circle. Guardian Circle aims to support the six billion people worldwide and in developing countries who have no emergency services at all. He's also a serial entrepreneur, a published author, one of '50 to Watch' by *Variety*, and has worked closely with some of the biggest names in tech, including Jason Calacanis and Travis Kalanick. Mark presented at the first Harvard Conference on The Internet and Society in 1996. He holds a Bachelors of Science degree in computer science from the University of New Hampshire and a brown belt in Tae Kwon Do.



MATTHEW GREEN

Dr. Matthew Green, a cryptographer and security technologist, has over fifteen years of industry experience in computer security. Dr. Green is an assistant professor of computer science at the Johns Hopkins Information Security Institute. He specializes in applied cryptography, privacy-enhanced storage systems, and anonymous cryptocurrencies. Dr. Green led the team that developed the first anonymous cryptocurrencies, Zerocoin and Zerocash. He is a member of the technical advisory board for the Linux Foundation Core Infrastructure Initiative. Dr. Green also co-founded and serves on the board of directors of the Open Crypto Audit Project.



TOR EKELAND

Tor Bernhard Ekeland is a computer, trial, and appellate lawyer based in New York City. He is the managing partner of Tor Ekeland Law, PLLC. He is best known for representing hackers prosecuted under the notorious Computer Fraud and Abuse Act ("CFAA"), as well as white-collar defendants in federal criminal court and on appeal across the United States.

Tor Bernhard Ekeland represented the U.K. hacker Lauri Love as his U.S. counsel. The United States Department of Justice indicted Love for felony CFAA violations in New York City, New Jersey, and Virginia. Alongside the Courage Foundation, Ekeland contributed to the successful fight to prevent Love's extradition from the U.K.



IMOGEN HEAP

Imogen Jennifer Heap is an English singer, songwriter, record producer and audio engineer. She is known for her involvement in electronic music and as a member of the short-lived project Frou Frou. She began writing songs at the age of 13 and while attending boarding school taught herself both guitar and drums, as well as music production on Atari computers.

Imogen Heap believes that a blockchain-empowered rights and payment layer has potential to get the messy house of the music industry in order. She is the inventor of Mycelia, a non-profit research and development "hub" for musicians harnessing blockchain technology to create a fairer music ecosystem.



TIM DRAPER

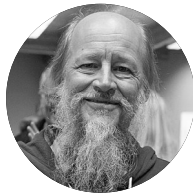
Tim Draper is the founding partner of Draper Associates and DFJ Venture Capital. Tim's original suggestion to use viral marketing as a method for spreading software applications from customer to customer was instrumental to the successes of Hotmail, Skype, and other applications. He was listed #46 of the most outstanding Harvard alumni, #7 on the *Forbes* Midas List, and #98 in *Worth's* 100 Most Powerful People in Finance. Tim also received the World Entrepreneurship Forum's "Entrepreneur for the World" award in 2015. In 1994, he created the non-profit organization BizWorld for young children to learn about business and entrepreneurship. In 2011, he created Draper University of Heroes, a residential and online school to help extraordinary young people meet their entrepreneurial goals.



BILL TAI

Bill Tai has been building startups as a venture capitalist since 1991 and is a leading figure in the blockchain segment. He is the chair of strategy and board director at BitFury and board chairman of Hut8, North America's largest publicly listed cryptocurrency miner.

Bill is a VC backer of a number of cryptocurrency and blockchain ventures including Cryptokitties, Fluidity, and Airswap. He's also the co-creator of the annual Blockchain Summit on Necker Island. He serves on the World Economic Forum's technology pioneer committee and is an adjunct professor of innovation at Curtin University in Perth, Australia.



JOHN GILMORE

John Gilmore is one of the founders of the Electronic Frontier Foundation, the Cypherpunks mailing list, and Cygnus Solutions. He created the alt.* hierarchy in Usenet and is a major contributor to the GNU project. An outspoken civil libertarian, Gilmore has sued the Federal Aviation Administration, Department of Justice, and others. He was the plaintiff in the prominent case *Gilmore v. Gonzales*, challenging secret travel-restriction laws. He co-authored the Bootstrap Protocol in 1985, which evolved into DHCP—the primary way local networks assign devices an IP address.



ALAN KEEGAN

Alan Keegan is an expert in currency markets, who previously worked at Bridgewater Associates, the world's largest hedge fund. After following crypto markets for years, he co-founded Omega One to improve the viability of crypto markets by reducing liquidity costs. Omega One is especially bringing institutional capital into the crypto markets, catalyzing the broader adoption of digital assets.



NAOMI COLVIN

Naomi Colvin is the acting director of The Courage Foundation, an organization that assisted Lauri Love in his extradition appeal. The Courage Foundation fundraises for the legal and public defense of individuals who are usually subject to serious prosecution or persecution. They also campaign for the protection of truth-tellers and the public's right to know generally. They have supported figures like Lauri Love, Edward Snowden, Jeremy Hammond, Matt DeHart, and Chelsea Manning.



SPIROS MICHALAKIS

Spyridon Michalakis does research on quantum many-body physics and topological quantum order at Caltech's Institute for Quantum Information and Matter (IQIM), where he is also the manager for outreach activities. He also served as a consultant to filmmakers on the physics of Marvel movie ANT MAN.



PREVIOUS FILMS BY **ALEX WINTER**

ZAPPA (2019)

An in-depth look into the life and work of musician Frank Zappa.

THE PANAMA PAPERS (2018)

A feature-length documentary about the journalists who worked to break the biggest data leak in history.

DEEP WEB (2015)

A feature documentary that explores the rise of a new internet; decentralized, encrypted, dangerous and beyond the law; with particular focus on the FBI capture of the Tor hidden service Silk Road, and the judicial aftermath.

Major Awards

- 2016: Anthem Film Festival (Las Vegas), Winner for the Audience Choice with DEEP WEB
- 2015: Brooklyn Film Festival, Nominee for Best Documentary Feature with DEEP WEB
- 2015: Zurich Film Festival, Nominee for Best International Documentary Film with DEEP WEB

DOWNLOADED (2013)

A documentary that explores the downloading revolution; the kids that created it, the bands and the businesses that were affected by it, and its impact on the world at large.

Major Awards

2013: SXSW Film Festival, Nominee for the Audience Award for DOWNLOADED.



DIRECTOR'S STATEMENT

The idea of a verifiable ledger is a problem that's been in search of a solution for a really long time. I got into this working on *DOWNLOADED* (2013). When I was making my movie *DEEP WEB* (2015), funnily enough, I still had very little interest in bitcoin.

I'm not a mathematician, or a cryptographer or a coder. I'm old enough to have totally come from the analog world, but became very involved and interested in the Internet and technology in the 80s. I came to know a lot of people in that space like the cypherpunk community going back to the 60s and 70s, who had been trying to solve the problem that Satoshi, whoever Satoshi is, solved. I understood what the problem and solution were before I understood it as this thing called blockchain.

This is something that a lot of people had been tackling in different ways. How do you create community? How do you create a digital, or internet-based community around the world that's verifiable? The implications of that are huge if you think about it.

I think of myself as one person telling a story. To me documentaries are about people. Especially techdocs. I think it creates a human face of the technological era we're in, which is very paradoxical. Human beings are complicated, and if you anchor something to a human being you get the complexities of that, but in a human way—not just in a technological way. That's what captivates me the most. Who are these people that are doing extraordinary things? Who are the people involved in the early days of this technological age we're moving into? And what are the implications of what we're moving into; ethically, politically, socially?

To me Lauri Love really represents the cypherpunks of today. He's brilliant, he's contradictory, he's contentious, he's not an easy pill to swallow. You may not like him— it's a question of how you respond to someone like that.

There are huge changes happening in human culture right now. Never has something like this happened before, ever. And it is fascinating to me. That's why I really wanted to make this documentary.

When I first started talking to SingularDTV about blockchain, it hadn't quite erupted to the degree that it has now. The world got really confusing with blockchain technology, cryptocurrency, and decentralization. We're finally at a stable place and now it's erupting. Bitcoin matters, but blockchain is really where the changes are going to come.

I really wasn't interested in making a bitcoin movie. It was really about decentralization and inclusion, and not about wealth creation, and again, it's not like I have a problem with people who want to create wealth for themselves, but it was just the least interesting aspect of it for me.

When SingularDTV and Futurism Studios approached me directly, I had already begun to wrap my head around the fact that blockchain wasn't going to go away anytime soon.

ALEX WINTER



CREW



Director, producer and writer **Alex Winter**

Alex Winter entered show business as a child actor with co-starring roles on Broadway in *THE KING AND I* and *PETER PAN*, and came to prominence starring in movies such as Warner Bros' hit *THE LOST BOYS* and the wildly popular *BILL AND TED* franchise. Winter has directed three narrative features: cult classic *FREAKED* for 20th Century Fox; *FEVER*, for Lionsgate, which screened at Cannes; and *SMOSH: THE MOVIE*, which opened in 2015 as the #1 comedy on iTunes.

Winter has directed hundreds of award-winning television commercials and music videos. Winter's VH1 Rock Doc *DOWNLOADED* earned worldwide critical acclaim at theatrical and festival screenings. Winter's latest, multiple award-winning documentary *DEEP WEB* had its world premiere at SXSW and a broadcast premiere in the U.S. on the Epix network, alongside a global festival tour. The film opened worldwide as the #1 documentary on iTunes.

Recently completed are two short documentary films for Laura Poitras's *Field of Vision*; *RELATIVELY FREE* and *TRUMP'S LOBBY*. Winter is now making *ZAPPA*, the first all-access documentary on the life and times of Frank Zappa. The Kickstarter campaign for this project was the highest funded documentary in crowd funding history.

SELECTED WORKS

- *ZAPPA* (2019)
- *THE PANAMA PAPERS* (2018)
- *DEEP WEB* (2015)
- *DOWNLOADED* (2013)
- *JIMMY KIMMEL LIVE!* (2003)

AWARDS AND NOMINATIONS

- 2016: Anthem Film Festival (Las Vegas), Winner for the Audience Choice with *DEEP WEB*
- 2015: Brooklyn Film Festival, Nominee for Best Documentary Feature with *DEEP WEB*
- 2015: Zurich Film Festival, Nominee for Best International Documentary Film with *DEEP WEB*
- 2013: SXSW Film Festival, Nominee for the Audience Award for *DOWNLOADED*



Producer Kim Jackson

Kim Jackson is SingularDTV co-founder and president of entertainment. After working with Universal Pictures for Steven Spielberg (MUNICH) and Spike Lee (INSIDE MAN), Kim Jackson founded Streetwise Pictures. Her critically acclaimed production BLUE CAPRICE, seen in theaters across the country, premiered at Sundance and was the opening night film at New Directors/ New Films at MoMA. Kim was nominated for a Spirit Award for producing. She has been the driving force behind more than a dozen award-winning and theatrically released independent films, including CHILDREN OF GOD and GUNHILL ROAD. She executive-produced KING COBRA, starring James Franco and Christian Slater. She is a selected Artist Academy member of Film Society of Lincoln Center and an alumna of Simmons College.

She co-founded the blockchain entertainment studio SingularDTV, which is producing THE HAPPY WORKER by Duwayne Dunham (HOMEWARD BOUND: THE INCREDIBLE JOURNEY and LITTLE GIANTS), executive-produced by David Lynch.

SELECTED WORKS

- Producer, THE TRUTH ABOUT LIES (2018)
- Executive Producer, KING COBRA (2016)
- Producer, BLUE CAPRICE (2013)
- Production Manager, GUN HILL ROAD (2011)

AWARDS AND NOMINATIONS

- Nominated for the Gotham Awards with BLUE CAPRICE (2013)
- Nominated for the Independent Spirit Award for Best First Feature with BLUE CAPRICE (2014)



Producer Geoffrey J Clark

Geoffrey J Clark is president of Futurism Studios. As the executive producer of more than 50 documentary films and numerous television series, Geoffrey has carved out his niche for creative and fact-driven documentaries. He has helped shepherd series like THE NUMBERS GAME on Nat Geo, TRIP TESTERS on Travel Channel, THE SHORT GAME on Esquire Network, and TYLER SHIELDS: PROVOCATEUR premiering for Youtube Red. His documentary credits include Netflix's ISOLATED and Showtime's SWEET MICKEY FOR PRESIDENT.

SELECTED WORKS

- GLIMPSE (2017-2018)
- THE SHORT GAME (2014)
- ISOLATED directed by Justin Le Pera (2013)



Editor
Tim Strube

Tim Strube is a Los Angeles-based creative director, editor, graphics artist, and sound designer who specializes in creative editorial for non-fiction and marketing for film, TV, and digital platforms.

SELECTED WORKS

- JONATHAN (2018) Creative Director and Editor (Trailer)
- BLACK MIRROR: SEASON 4 (2017) Co-Creative Director and Editor (Trailer)
- THE AUTOPSY OF JANE DOE (2016) Creative Director, Editor, and Graphics Artist (Trailer)
- SOUTHBOUND (2015) Creative Director and Co-Editor (Trailer)
- QUEENS & COWBOYS (2014) Co-Editor



Cinematographer
Anghel Decca

Born in Transylvania and educated in Bucharest, Romania, Anghel moved westward thrice since he finished film school. Although he doesn't have a view of the Pacific Ocean, he thinks he's gone far enough West. He lives in Hollywood Hills, California. In the last couple of years, he has divided his time between car commercials and documentaries.

SELECTED WORKS

- QUANTUM IS CALLING directed by Alex Winter (2016)
- DEEP WEB directed by Alex Winter (2015)
- CAVEDIGGER (2014, Oscar-nominated short documentary)
- DOWNLOADED directed by Alex Winter (2013)
- BETAS (2013-2014)
- ANIMAL PRACTICE (2012-2013)
- ENTOURAGE (2004)



SingularDTV is building the world's first blockchain entertainment ecosystem with the creator in mind by helping filmmakers fund raise, develop and distribute their content. This ecosystem allows artists to have a direct relationship with their audience. SingularDTV also creates and distributes original content. SingularDTV's first feature film is THE HAPPY WORKER, directed by Duwayne Dunham and executive-produced by David Lynch - starring Josh Whitehouse, Thomas Haden Church, and Colm Meaney. Headquartered in Switzerland, SingularDTV has offices in New York, Los Angeles, Hong Kong, and Tokyo.

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TROUPER

Trouper Productions is an entertainment production company, founded by Alex Winter in 2006.

Trouper services Winter's directorial and producing efforts in Film and Television. Projects include feature documentaries THE PANAMA PAPERS which premieres on Epix in the US in November of 2018, TRUST MACHINE which bows on new media platform SingularDTV in early 2019, multiple award-winner DEEP WEB, and the VH1 Rock Doc DOWNLOADED. Released in 2017 were two short documentary films for Laura Poitras's Field of Vision; RELATIVELY FREE and TRUMP'S LOBBY. In 2015, Trouper produced the feature film THE SMOSH MOVIE, which opened as the #1 comedy on iTunes before becoming a viral sensation. Trouper also produced two TV movies for Cartoon Network, both of which scored historic ratings for the network; BEN 10: RACE AGAINST TIME and the Emmy-nominated BEN 10: ALIEN SWARM.

Trouper is currently producing ZAPPA; the first all-access documentary on the life and times of Frank Zappa. The Kickstarter campaign for this project was the highest funded documentary in crowdfunding history.

In addition to feature work, Trouper Productions has produced dozens of television commercials and direct digital media.

Futurism STUDIOS

Futurism covers the breakthrough technologies and scientific discoveries that will shape humanity's future. Our mission is to empower our readers and drive the development of these transformative technologies towards maximizing human potential. Futurism has over 100M users per month, over 300M Facebook videos per month, and over 15M social media followers. Learn more at www.futurism.com.

Futurism Studios, led by President Geoffrey J Clark, seeks stories that showcase the people, companies, and technologies that are fundamentally transforming society. Based in Brooklyn, NY, Futurism Studios is the original content division for futurism.com, one of the web's leading science and technology publications. The studio team has produced award-winning documentaries, feature films, digital series, and more. Futurism Studio's debut feature documentary is TRUST MACHINE. Visit www.futurismstudios.com for more info.



TRUST MACHINE

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