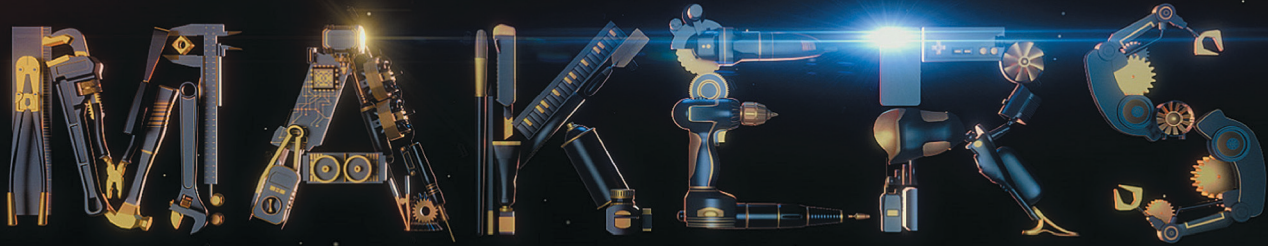


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## A League of Extraordinary



DOCUMENTARIES / FACTUAL

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### A League of Extraordinary Makers

A walkthrough the Makerverse, a world where artists, inventors and hackers come together to make almost anything. From guitars formed from AK-47s to technology that grows into fashion that feels, from 3D printed prosthetics to digitally fabricated cities - this is the story of the Maker movement, and a deep-dive into the minds of extraordinary Makers and the things they make!

A movement that begins in the American garage and seeps out of the periphery onto the streets where Makers become the superheroes the world needs today. From nothing or once-destitute circumstances, Makers are rising again to reimagine a future where everyone is a Maker.

这是一个Makerverse的漫游世界，在这个世界上，艺术家、发明家和黑客聚在一起，几乎可以制作任何东西。从AK-47形成的吉他，到配有螺丝刀完全开放的笔记本电脑，从不断发展的技术到触感时尚，从3D打印假肢到数字制造的城市，这就是创客运动的故事，也是对非凡创客思想和他们制造的东西的深入挖掘！

这场运动始于美国车库，并从外围渗透到街道，在那里，制造商成为当今世界所需要的超级英雄。从无到有或一度一贫如洗的情况下，制造商再次崛起，重新设想一个未来：每个人都是制造商，制造商空间变成微型工厂，碎片变成原子，城市自己生产他们所需要的一切。

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## **Episode 1 – Rise of the Makers**

This is a celebration of the Maker Movement and its Superheroes. Hobbyists and tinkerers, builders and inventors, coders and artists who have one thing in common - they Make! From vintage bandsaws to 3D printers, from supercomputers to smart wearables; from discarded furniture to lever-powered wheelchairs, they build, hack, prototype to Make it better. And don't forget cheaper and more accessible to the world via open-source sharing.

Watch out for celebrity YouTuber Jimmy Diresta aka the 'da Vinci of Making' who made even before Making was a Movement; Andrew 'bunnie' Huang who hacked the Xbox (and got away with it, even wrote a book about it); Kate Reed who was born out of the Maker Movement and made her first wearable even before smart watches became a fad and Dale Dougherty, the man who turned Making into the greatest Show (and Tell) on Earth.

## **Episode 2 – Into the Makerverse**

'Into the Makerverse' is a glimpse into the world of Makers. Enter the mind of Andrew 'bunnie' Huang, the hardware hacker who hacked the Xbox and almost got sued for it. Watch his journey as he breaks the rules to ensure the virtual world stays safe. Meet Cesar Jung-Harada, an ocean robotist who blurs the lines between art, science and technology. He's gone from inventing the world's first shape-shifting robotic hull to building the next-generation ocean drone while transiting from being a Silicon Valley entrepreneur to a homeless innovator. These are the inspiring stories of Makers who made it and sometimes failed along the way too but never stopped 'making'. Because some things just need to be done.

## **Episode 3 – Makers of Change**

'Makers of Change' sees Makers coming to the rescue as the pandemic brings the world and global supply chains to their knees. Factories and production lines are substituted with 3D printers and laser cutters and Makers become the workforce the world needs. From batteries powered by microbes to 1 million face shields achieved within 50 days - a movement which began years ago, finally finds its stage as Makers turn superheroes, making for the need of the hour.

## **Episode 4 – New Frontiers of the Makerverse**

53 years apart, two innocent young women were wooed by two men. But not for love, because A Learning Scientist, a Robotic Couturier and an Inter-species Collaborator are taking Makerspaces to places you never thought they could.

Gokul Krishnan believes Making can heal. He fought against the odds to create Makerspaces in paediatric wards to turn chronically-ill children into patient-innovators building solutions that could challenge some of the smartest engineers in the world. But can he convince the medical fraternity to take notice?

Anouk Wipprecht's Makerverse takes us into the future of fashion that embeds tech into what we wear to create designs that can feel our heartbeats and read our minds. As a pioneer in the Future FashionTech, Anouk's work with open-source brain sensors looks set to change fashion forever.

Inter-species designer Kate Reed built her first wearable at the age of 13, well before smart watches were a fad, now, she's bio-hacking the next-gen of tech interfaces by growing them on human bodies. What's next?



## Episode 5 – Age of Makers

Some of the Maker Movement's most brilliant minds are coming together to redesign reality and reimagine our world.

As we stand at the threshold of the next Industrial Revolution, everyone can be a Maker.

Urban planner and futurist, Tomas Diez journeys from Barcelona to Bali in a quest to create a future city. While a Dutch fashion tech designer, an Argentinian architect, an American mechatronics engineer and the world's first bionic popstar, Viktoria Modesta collaborate to revolutionize the prosthetics industry by fabricating futuristic legs that spark and sparkle.

Enter the hallowed labs of MIT with Prof Neil Gershenfeld and his team of researchers at the Center for Bits and Atoms, where they replicate biology to fabricate brand-new materials that can cut out global supply chains.

But the question remains – will this third digital revolution in digital fabrication be inclusive enough to bridge the digital divide created by the first two?