Biography

Tim Kentley Klay is a creative and technical entrepreneur. He is the founder of HYPR, an A.I. robotics company developing mobility systems that improve as they move. Previously, he was the founder of Zoox, an autonomous mobility company acquired by Amazon. In 4 years, he built Zoox into a company valued at $3.2B, raised $800M in two rounds, hired 500 people, and filed 125 patents across software, hardware and design as he architected the development of a ground-up, vertically integrated autonomous mobility ecosystem. Tim sat on the U.S. Department of Transportation's Advisory Committee on Automation in Transportation and was requested to testify to the Senate House Committee on autonomous mobility policy.

Tim rebuilt a 1958 Series II SWB Land Rover from the frame up, his daily driver when in his hometown of Melbourne, Australia. At age 25, he founded XYZ Studios, followed by Crayon. Both work globally in the creative arts; together their work has been recognized with well over 100 awards, including 7 Gold Cannes Lions. Graduating from Camberwell Grammar School, Tim was Dux of his year in both Art and Design, receiving Premier's Awards for each. He was accepted into the prestigious Swinburne University School of Design, graduating as Dux with Honors and recognition as 'Most Innovative Designer'.

At the 2020 Advance Awards, Tim was recognized by the Prime Minister of Australia with the Advance Global Australian and the Advance Commercial Creative Awards.

Tim's motivation is to accelerate what's possible; to lead teams pioneering frontier technologies at the intersection of art and science, for the betterment of our communities and the environment.

Follow
Twitter @TimKentleyKlay

Contact
hello@timekentleyklay.com

TIM KENTLEY KLAY
C O M P A N I E S

To hold an idea in your head, and then in your hand, is joy.
My companies are the engines that make great ideas happen.

Founder HYPR

HYPR is a next-generation autonomous mobility company.
Our ambition is to build truly intelligent robotic systems –
ones that can learn in real time and in situ. We believe this
ability, combined with our advanced product experiences,
will enable autonomous mobility to scale with efficiency,
superior performance, and create a super cool future for the
generations that follow.

Visit hypr.ai

Founder Zoox

Zoox is a California based robotics company founded to
define and lead the era of autonomous mobility. Operating
at the intersection of design, computer science, and electro-
mechanical engineering, Zoox is a multidisciplinary team
working to imagine and build an advanced mobility experience
that will support the future needs of urban mobility for both
people and the environment.

Visit zoox.com

Founder XYZ Studios

Taking its name from the possibilities of cartesian space, XYZ
is a studio specializing in the art of commercial animation.
Defined by its directors, each holds raw talent in multiple
disciplines: all are hands on, all are technical, all are designers
but of most importance, all are exquisite storytellers.

Visit xyzstudios.com

Founder Crayon

Crayon is a boutique, self-contained post production studio
founded by directors for directors to finish their moving
picture projects in an environment purpose built for privacy,
focus and a gifted team.

Visit wearecrayon.com

Education Secondary

Camberwell Grammar School,
Melbourne Australia

Dux Graphic Design
Year 11 & 12

Dux Fine Art
Year 11 & 12

Premier's Award 'Art'
Presented By Victorian Premier Jeffrey Kennett.

Premier's Award 'Graphic Design'
Presented By Victorian Premier Jeffrey Kennett.

Education Tertiary

Bachelor of Communication Design (Honours)
The National School of Design, Swinburne University.

'Most Innovative Designer'
Swinburne School Of Design, 3rd Year Graduate Exhibition

'Most Outstanding Achievement In Multimedia'
Swinburne School Of Design 4th Year Graduate Exhibition

Patents

US-2017351261-A1	Sensor-Based Object-Detection Optimization For Autonomous Vehicles
US-10543838-B2	Robotic vehicle active safety systems and methods
US-10000124-B2	Independent steering, power, torque control and transfer in vehicles
US-9878664-B2	Method for robotic vehicle communication with an external environment via acoustic beam forming
US-2019250623-A1	Internal safety systems for robotic vehicles
US-9958864-B2	Coordination of dispatching and maintaining fleet of autonomous vehicles
US-9804599-B2	Active lighting control for communicating a state of an autonomous vehicle to entities
US-9910441-B2	Adaptive autonomous vehicle planner logic
US-10334050-B2	Software application and logic to modify configuration of an autonomous vehicle
US-10248119-B2	Interactive autonomous vehicle command controller
US-10446037-B2	Software application to request and control an autonomous vehicle service
EP-3371668-A1	Teleoperation system and method for trajectory modification of autonomous vehicles
US-2018136651-A1	Teleoperation system and method for trajectory modification of autonomous vehicles
US-2019361453-A1	System of configuring active lighting to indicate directionality of an autonomous vehicle
US-9606539-B1	Autonomous vehicle fleet service and system
US-2017120902-A1	Resilient safety system for a robotic vehicle
WO-2017079349-A1	System for implementing an active safety system in an autonomous vehicle
US-2018345777-A1	Vehicle with interchangeable drive modules
EP-3568324-A1	Occupant protection system including expandable curtain and/or expandable bladder
EP-3371772-A4	Software application to request and control an autonomous vehicle service
US-10259514-B2	Drive module for robotic vehicle
US-2019227553-A1	Interactive autonomous vehicle command controller
WO-2018222375-A1	Vehicle with interchangeable drive module and drive module
US-2019387060-A1	Software application and logic to modify configuration of an autonomous vehicle
WO-2017079321-A1	Sensor-based object-detection optimization for autonomous vehicles
US-10137856-B1	Seatbelt system including occupant detector
US-10317897-B1	Wearable for autonomous vehicle interaction
US-10486485-B1	Perception based suspension control
US-10558224-B1	Shared vehicle obstacle data
US-10423934-B1	Automated vehicle diagnostics and maintenance
WO-2018132332-A8	Occupant protection system including expandable curtain and/or expandable bladder
US-10384718-B1	Vehicle parking assist
WO-2019118350-A1	Underbody charging of vehicle batteries
US-2019176637-A1	Underbody charging of vehicle batteries
US-2019176633-A1	Underbody charging of vehicle batteries
US-2019138000-A1	Redundant pose generation system
US-2019171218-A1	External control of an autonomous vehicle
US-10457179-B1	Immersive vehicle seats
US-2019385025-A1	Sensor obstruction detection and mitigation using vibration and/or heat
US-2019251376-A1	Object detection and passenger notification
US-2020064842-A1	Autonomous vehicle fleet model training and testing
US-2019092257-A1	Fail Operational Vehicle Power Supply

Awards

'Advance Global Australian Award'
2020 Advance Awards

'Advance Commercial Creative Award'
2020 Advance Awards

'Cream O' Crop'
motionographer.com

'Animation & Broadcast Design Hotshop Of The Year'
Creative Hotshop Awards, Sydney
(X2 Times)

'Motion Design Of The Year'
Boards Awards, New York
(X2 Times)

'Animator Of The Year'
Desktop Create Awards, Melbourne
(X3 Times)

'Overall Aesthetic Design (Gold)'
Cannes Lions Awards

'Video/Moving Image (Gold)'
Cannes Lions Awards

'Top 10 Production Companies Worldwide'
Shoot Online, New York

'Best New Director Of The Year'
Phoenix Awards, Singapore

'Music Video Of The Year'
Urban Music Awards, Sydney

'Interactive Of The Year'
Desktop Create Awards, Melbourne

'Commercial Of The Year (Animation)'
Phoenix Awards, Singapore

'FWA Of The Year'
FWA 2016

'FWA People's Choice Award'
FWA 2016

'Animation & Illustration (Yellow Pencil)'
D&Ad Awards

'Best Use Of Animation Or Motion Graphics'
Webby Awards

'Interactive Film (Gold)'
ADC Awards

'Visual Effects/Animation'
One Show Awards

'Best Direction'
London International Awards

'Best Animation - Cel'
London International Awards

'Entertainment Design (Gold)'
Award Awards

'Graphic Design For Digital/Mobile Technique'
Clio Awards

'Best Animation'
Phoenix Awards, Singapore

'Best Interactive'
Create Awards, Melbourne

'Best Automotive (Silver)'
Phoenix Awards, Singapore

'Best Charity/social Causes Commercial' (Silver)'
Phoenix Awards, Singapore

'Best Commercial 15sec (Silver)'
Phoenix Awards, Singapore

'Best Food/beverage Commercial'
Phoenix Awards, Singapore

'Best Government/educational Institutions Commercial'
Phoenix Awards, Singapore

'Best Design'
Melbourne Advertising & Design Club Awards

'Best Editing'
Melbourne Advertising & Design Club Awards

'Best Typography'
Melbourne Advertising & Design Club Awards

'Best Animation'
Melbourne Advertising & Design Club Awards

'Best Illustration'
Melbourne Advertising & Design Club Awards

'Best Animation Traditional'
Melbourne Advertising & Design Club Awards

'Best Post Production & Visual Effects'
Melbourne Advertising & Design Club Awards

'Best Community Service, Broadcast'
Young Guns Awards, Sydney

'Most Outstanding Design And Technical Skill'
Corel Draw Inc.

TIM KENTLEY KLAY
E N G A G E M E N T S

Committee Member

Advisory Committee on Automation in Transportation
U.S. Department of Transportation

Keynote

President Obama White House 'Frontiers'
Pittsburgh

Thought Leaders at Stanford University
Stanford

Siggraph
Los Angeles

Fortune Brainstorm
Aspen

Google X
Mountain View

Semi-Permanent
Sydney

AGDA
Melbourne

Junior
Melbourne

Exhibited

Formavision Gallery
New York

Mecal International Short Film Festival
Barcelona

Artery Project International Moving Art Show
Barcelona

Huesca International Film Festival
Barcelona

Pictoplasma Animation Festival
Berlin

St. Kilda Film Festival
Melbourne

Selected Media

Inside Zoox, the $2b self-driving car start-up led by a
Melbourne man
Australian Financial Review