WeRide

TRANSFORM MOBILITY WITH AUTONOMOUS DRIVING

www.weride.ai

ABOUT

WeRide

WeRide is a smart mobility company in China that creates leading L4 autonomous driving technologies. We have committed ourselves to new mobility services that will be accessible and beneficial to everyone.

Beijing,R&D Center

Shanghai,R&D Center

Silicon Valley,
North America R&D Center

Anqing,
East China Operation Center

Guangzhou,
Global Headquarter

We employ a highly skilled technology team of 300 employees globally, 70% of whom are R&D engineers. Our core management team all has extensive domestic and international experience in technology development and business operations in both China and the USA at companies such as Google, Facebook, Microsoft, Baidu, DiDi, Cisco, and others.

300+
EMPLOYEES
GLOBALLY

70%
R&D
ENGINEERS

Established in 2017, WeRide has 5 offices around the world.

INVESTORS

WeRide's series A funding round was led by Alliance RNM (the Alliance Renault-Nissan-Mitsubishi) as a strategic lead investor, along with SenseTime, ABC International, Atop Capital, Johnson Electric, He Xiaopeng, IDInvest Capital, OceanIQ Capital and others. Our pre-A round lead investor Qiming Venture Partners also participated in this round. Morgan Stanley was WeRide's sole financial advisor.

Pre-A fundraising round reached $57M, attracting investment from Qiming Venture Capital, Sinovation Ventures, Nvidia GPU Ventures and others.

Series A
ALLIANCE RNM
AS STRATEGIC LEAD
INVESTOR

Pre-A
$57,000,000

WeRide

RoboTaxi Triangle Model

WeRide creates a RoboTaxi Triangle Model as an attempt to commercialize autonomous driving, which includes strategic alliances among AI technology companies, car makers and mobility service platforms.

Technology
Advanced L4 autonomous driving solutions with cutting edge R&D capability

WeRide is empowered to build the most trustworthy RoboTaxi with no driver.

OEM/Tier 1
Electrical vehicle platform with the support from leading OEMs

Transportation Network
Strategic partnership with transportation platforms and competitive resources of licenses

RoboTaxi WeRide
文远粤行

WeRide RoboTaxi

WeRide RoboTaxi is a joint venture company launched by WeRide and its strategic partners including Baiyun Taxi Group, the largest taxi company in South China under Guangzhou Public Transport Group, and SCI (Guangzhou) Group. The three companies will jointly develop RoboTaxi services enabled by autonomous driving technology.

WeRide RoboTaxi is a successful application of the RoboTaxi Triangle Model.

Guangzhou Public Transport 广州公交

WeRide 文远知行

科学城集团 SCI GROUP

MANAGEMENT

Tony Han
Co-founder & CEO

•Distinguished expert in computer vision, machine learning and speech recognition; a pioneer in self-driving technology R&D in China
•Former Chief Scientist of Baidu's Autonomous Driving Unit
•Tenured Professor of Electrical & Computer Engineering at University of Missouri
•Ph.D. in Electrical and Computer Engineering from University of Illinois

Qing Lu
Co-founder, CFO & President

•Former CFO of Velodyne LiDAR
•Former CFO of multiple Silicon Valley startups, including Symbio, LitePoint, PortalPlayer, and others with successful exits in one IPO and two acquisitions
•Master' s Degree in Business Accounting from University of Southern California

Yan Li
Co-founder & CTO

•Former head of the autonomous driving engineering team at UCAR USA
•Early member of Microsoft Research Asia (MSRA); previously worked at Facebook
•Ph.D. in Electrical and Computer Engineering from Carnegie Mellon University

Li Zhang
Chief Operating Officer

•Worked at Cisco China for more than 19 years. Former SVP and Chief of Staff to CEO of Cisco Greater China
•EMBA from the Guanghua School of Management, Peking University

Hua Zhong
SVP of Engineering

•Former Chief Architect of Autonomous Driving for UCAR USA
•Previously worked at Microsoft Research Asia, Google and Siemens Research
•Ph.D. in Computer Science from Carnegie Mellon University

WeRide

ADVISORS

Kai-Fu Lee
Business Advisor

- World renowned AI and computing icon
- Famous entrepreneurial mentor in China
- The Chairman and CEO of Sinovation Ventures and President of its AI Institute
- Fellow of the Institute of Electrical and Electronics Engineers (IEEE)
- Times 100: The Most Influential People of 2013

Dian Kang
Business Advisor

- Visiting professor at Sun Yat-sen University and University of International Business and Economics; visiting scholar at University of Cambridge
- Strategic advisor to the Reinsurance Group of America (RGA)
- Former Chairman & CEO of New China Life Insurance (NCI) and Chairman of New China Asset Management

Takeo Kanade
Technical Advisor

- Member of the first generation of computer vision researchers
- Director of the Robotics Institute at Carnegie Mellon University (1992-2001), laying the foundation for the university's academic position in the field of robotics
- Fellow of the National Academy of Engineering; Fellow of the American Academy of Arts and Sciences

WeRide

MILESTONES

2018
- 2018.01 Launched China's first long-term autonomous vehicle trial operation on Guangzhou's Bio Island.

- 2018.03 First company to deploy long-distance tunnel crossing autonomous driving technology in China (no GPS) .

- 2018.04 Beijing R&D branch was founded.

- 2018.06 Safe driving on public roads during heavy rainstorm and completed long-distance tunnel crossing.

- 2018.06 Developed an autonomous SUV in partnership with GAC, and successfully completed road test.

- 2018.08 Unveiled precise vehicle control technology and launched remote control system in both USA and China.

- 2018.09 Became the first autonomous driving company in China to apply a 5G network for remote control of a driverless vehicle through strategic partnership with China Unicom and announced the establishment of a joint lab.

- Day 81 Completed the first autonomous public road test, becoming the fastest company to reach this milestone.

- 2017.08 Anqing Operation Center was founded.

- 2017.09 A combined $57 million was raised in pre-A investment round.

- 2017.12 Relocated global headquarter to Guangzhou and established China's first operational autonomous vehicle fleet.

2017
- 2017.04 Founded in Silicon Valley.

- Day 39 Completed closed-venue driverless testing for the first time.

WeRide 文远知行

•**2019**

•2018.10 Re-branded to WeRide with new logo (previously JingChi).

•2018.10 Completed Series A fundraising led by strategic investor Alliance Renault-Nissan-Mitsubishi, making WeRide the first L4 autonomous driving start-up company in China to receive investment from and form strategic partnership with a global top tier automaker.

•2018.11 Launched the 1st L4 RoboTaxi service in China in partnership with Baiyun Public Transport Group and started trial operation in Guangzhou.

•2019.01 Received another two significant investments in its Series A round from SenseTime Technology and ABC International (a wholly owned subsidiary of Agricultural Bank of China), reaching tens of millions of US dollars.

•2019.03 Announced the launch of Pre-Commercial L4 autonomous driving Solutions, brand new sensor suite and the Nissan LEAF2 model at GTC 2019.

•2019.04 Kicked off the riding trail of Zhumeng Hao L4 autonomous driving vehicle and announced the development of 4 centers in Anqing, covering operation, labeling, cloud computing & big data and retrofit

•2019.06 Received a total of 20 Guangzhou autonomous driving road test licenses plates, including the No. 01 license, accounted for more than 80% of the total number of licenses in Guangzhou, ranking the 2nd in the country.

•2019.08 Launched a joint venture - WeRide RoboTaxi, together with Baiyun Taxi Group and SCI (Guangzhou) Group, the first of its kind in Tier 1 cities in China.

•2019.08 Conducted 10-kilometer long self-driving test rides on an open urban road in Guangzhou, marking the longest distance of autonomous driving unveiled to the public in China.

•2019.09 Unveiled a test drive of over 50 kilometers on a Silicon Valley highway (with a speed limit of 105 km/h), marking the completion of "WeRide ONE", an all-in-one algorithm solution which can apply to all weather and traffic scenarios in urban RoboTaxi operation areas.
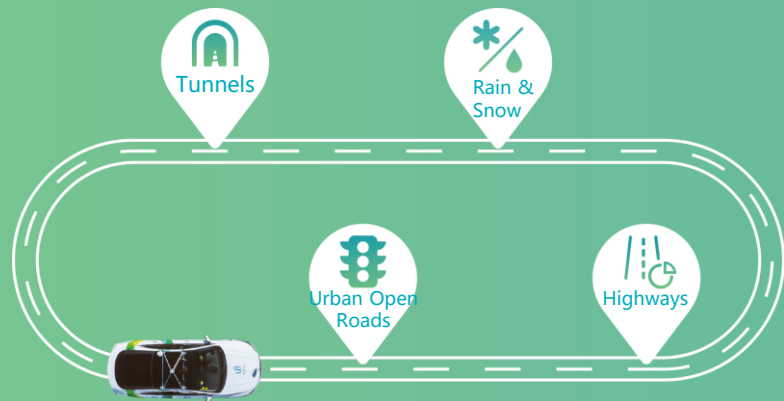
TECHNOLOGIES

WeRide ONE Solution

Enables WeRide autonomous cars to serve passengers through different road types including urban open roads, tunnels and highways, offering a comprehensive experience.

Tunnels

Rain & Snow

Urban Open Roads

Highways

5G Application

5G networks will be advancing autonomous driving industry. WeRide has partnered with China Unicom and established a joint lab since 2018 to develop 5G network application in autonomous driving, including remote control and MEC technologies. With the development of V2X, objects will be able to communicate with vehicles through 5G signals and alleviate the workload for predication system and improve efficiency of autonomous driving.

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$5G^n$
让未来生长

HD MAP & LOCALIZATION

•In-house built HD maps covering thousands of kilometers in multiple cities, with centimeter-level accuracy, detailed 3D geometric structures, as well as rich semantic information including lane, traffic control information, etc.

PERCEPTION

•Superior to human-level performance in obstacle detection, classification, tracking and scene understanding using multiple sensors and cutting-edge technologies.
•Sensor fusion that provides reliable results even in severe weather conditions.

PLANNING

•AI-powered algorithms that plan and execute safe, reliable and human-like driving in complex dynamic environments.
•Capable of point-to-point autonomous driving through various kinds of complex urban road scenarios in both China and the US.

DATA

•TB-level data being uploaded onto high-efficient data processing platform and millions of high-quality labeling data being generated each day.
•The very first autonomous driving data labeling center has been set up in Anqing, China.

Leading Full Stack Software & Hardware Solutions

Cross-Verified Sensor
A multi-wavelength cross-verified sensor design makes the detection more reliable.

360-degree Field of View

250-meter Range

Real-time Data Sync
Real-time synchronization of huge amounts of data using the NVIDIA DRIVE AGX Pegasus platform.

Front Nose LiDAR
Specifically designed to adapt to roads and traffic conditions in China.

SIMULATION

•Testing and training self-driving vehicles with large-scale realistic simulation systems in 100,000+ complex urban road scenarios and their variations with thousands of obstacles, generated from algorithms or from real-world data.
•500,000+ km simulated mileage each day in our cloud-based simulation cluster.

HARDWARE & FLEET

•50+ actively running Level 4 AD cars based on self-developed hardware solution dedicated to the China market.
•3rd Gen AD hardware solution already deployed onto different L4 AD vehicle models. Retrofit capacity of 15+ cars per month at our own outlets in both China and the US.

RICH EXPERIENCE IN OPERATION

•Autonomous mileage has reached more than 770,000 kilometers in China while the number is still escalating every day. Over 10,000 passengers have experienced our L4 autonomous driving demo. Zero accident recorded during autonomous driving operation. (as of Sept 2019)

WeRide Go

WeRide released the RoboTaxi App "WeRide Go," providing convenient and comfortable mobility services with L4 autonomous driving technology.

WeRide Viz

- Powered by AI and Tech Engine
- Simple & Smooth User Interface
- Advanced Visualization with 3D Map Rendering
- Multi-perspective Presentation
- Sophisticated Interaction

FUTURE

Deploying Commercial-Scale RoboTaxi Fleets

·In 2020, WeRide RoboTaxi will conduct trials in designated areas in Guangzhou.
·WeRide will introduce the Robotaxi triangle model to more cities and become one of the first companies in the world to achieve large-scale commercial application of autonomous driving technology.
·WeRide will continue to build partnerships around the world, striving to create a promising ecosystem that will commercialize autonomous driving and help grow the industry.

Guangzhou

Global Headquarter, established in Dec, 2017
Address： Floor 21, Tower A, Guanzhou Life Science Innovation Center, 51 Luoxuan Rd., Guangzhou International Biotech Island, Guangzhou

Beijing

R&D Center, established in Apr, 2018
Address: No. 602-603 Jinqiu International Building, Zhichun Road, Haidian District, Beijing

Anqing

East China Operation Center, established in Aug, 2017
Address: 11th Floor, Building A7, Zhumeng New District, No.188 Wenyuan Road, Yixiu District, Anqing City, Anhui Province

Silicon Valley

North America R&D Center, established in Apr, 2017
Address: 2630 Orchard Parkway, San Jose, CA 95134

Shanghai

R&D Center, established in July, 2019
Address: WeWork, Fuhui Building, 16 Qixia Road, Pudong New District, Shanghai

WeRide   Recruitment   LinkedIn

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