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[Top Automotive Startups To Look Out For in 2021](#)

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Although there has been a lot of economic uncertainty and turmoil in the past 2 years, mainly due to the COVID-19 pandemic, things are looking bright as ever when it comes to the automotive industry. Taking a welcome shift from traditional car manufacturers, the startup culture has also made its way to everyone's favorite industry, and they are developing innovative solutions ranging from driverless vehicle technology to multifunctional sensors, and much more.

Today, we have a look at the top automotive sensors that you should keep an eye out for in 2021, and see what makes them noteworthy.

Blackshark.ai

Blackshark.ai is an Austrian startup that specializes in simulation testing for autonomous vehicles. It makes use of a self-developed twin platform that combines the capabilities of artificial intelligence and cloud computing to create a photorealistic 3D environment through satellite data and aerial images. The startup makes use of a high-fidelity simulation device called the DRIVE Sim, which works to design scalable and cost-effective self-driving solutions for vehicles.

Blackshark.ai makes use of the highly advanced NVIDIA RTX™ graphics processing units (GPUs) for AV testing through qualified miles. In simpler terms, it constructs a clone of different environments to test how various self-driving vehicles would perform under certain conditions. Their platform can be used by electric vehicle manufacturers to reshape the way these vehicles are tested and examined before being released.

Harpocrates

The Internet of Things (IoT) is used to manage different types of sensors in electric and driverless vehicles, and it collects a dearth of data for processing. However, there are always concerns regarding data privacy and validation. Harpocrates is a German RegTech startup that works on developing a highly efficient engine for compliance with rules and regulations. It makes use of an API and SDK-based delivery system that will enable car manufacturers to maintain data privacy and protection compliance.

Harpocrates has created a centralized efficient solution that can be used by not only car manufacturers, but also by software developers and IoT specialists to ensure that vehicle data is protected at all costs.

Eve Autonomy

Eve Autonomy is another notable automotive startup that has been on our radar for quite some time. The Japanese startup is a joint venture between Yamaha Motor and Tier Intelligent Vehicle, and it specializes in providing special purpose smart vehicles for factories. It also makes use of the popular self-driving technology to equip factories with autonomous vehicles on a low investment.

The vehicles designed by Eve Autonomy are equipped with different kinds of sensors and can be used to move goods and perform other tasks in both indoor and outdoor environments. The startup plans to expand their operations and build autonomous vehicles for larger factories as well.

These are the top automotive startups that we have on our radar, and there are many more that also deserve a mention, such as HeyCharge, Surge Analytics, Fibrecoat, Tangram Vision, and many others. It suffices to say that with so many exciting startups leading the way in emerging and innovative technologies, the future for autonomous vehicles, self-driving cars, and the overall automotive industry is quite bright.

