

Auto req ID	143369BR
Job Title	He[a]t - Senior Engineer, Perception Software
Country	Singapore
Posting Location	Singapore
HR Business Partner	Wai Fong Christaline Seah
About Continental	Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent, and affordable solutions for vehicles, machines, traffic and transportation. In 2018, Continental generated preliminary sales of around €44.4 billion and currently employs around 244,000 people in 61 countries and markets.
Job Description	<ul style="list-style-type: none"> • Development of software algorithms using data of sensors for the perception and situational awareness of driverless vehicles • Create software algorithms processing data from a multitude of camera, radar and laser sensors. • Combine sensor data into a holistic representation of the vehicle's environment leveraging different levels of sensor and/or map fusion • Pushing the boundaries in terms of scenarios and features covered by the perception algorithms and reflecting them in test campaigns • Extract perception requirements for operational scenarios of driverless vehicles and turn them into sensor line-up and extraction algorithm strategies • Close alignment and exchange of experiences with Continental worldwide perception team to close gaps, improve perception capabilities and cover more operational areas of driverless vehicles • Create algorithms for behavior recognition, scene understanding and prediction of the dynamic (urban) environment
Job Requirements	<ul style="list-style-type: none"> • Min Degree in Electrical Engineering, Computer Science or comparable qualification • Knowledge and hands-on experience in raw data processing, computer vision and sensor fusion using e. g. camera, lidar, radar data • Background in Machine/Deep Learning is a must • Knowledge in software architecture methods and object-oriented programming languages (e. g. Python, C++) is a strong advantage. • Experienced in systematic problem-solving approaches • Strong analytical skills. • Passion & motivation to work in the field of Autonomous Driving
Division Footer Text	Ready to drive with Continental? Take the first step and fill in the online application.