

**Research Associate (Autonomous Driving Simulator)**  
**Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=237936>

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Posted Jun. 20, 2024, set to expire May 6, 2025

<b>Job Title</b>	Research Associate (Autonomous Driving Simulator)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Jun. 20, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Computer Engineering
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Autonomous-Driving-Simulator-_R00017560">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Autonomous-Driving-Simulator-_R00017560</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Autonomous-Driving-Simulator-_R00017560">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Associate--Autonomous-Driving-Simulator-_R00017560</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The School of Electrical and Electronic Engineering is inviting applications for the position of Research Associate. The Research Associate will work on a project to conduct the research involving teleoperation systems and autonomous driving systems.

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**Key Responsibilities:**

- Develop and implement real time virtual rendering system for digital twin.
- Develop and design 3D digital twin based driving simulator.
- Integrate 3D digital twin into teleoperation systems and autonomous systems.
- Connect and rendering onboard sensor data into digital twin.

**Job Requirements:**

- Master's degree in Computer Engineering.
- Experience in 3D reconstruction.
- Programming skill: C++, Python, ROS2.
- Project experience of 3D view synthesis, e.g. 3D Gaussian Splatting.
- Experience with using Pandas / SciPy / TensorFlow / PyTorch.
- Good verbal and written communication skill in English as required to publish research.

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We regret that only shortlisted candidates will be notified.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

Singapore