Research Fellow (Transport engineering/ Maritime transport and management/ Computer science)
Nanyang Technological University

Job Title	Research Fellow (Transport engineering/ Maritime transport and management/ Computer science)
Department	School of Civil and Environmental Engineering
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Mar. 21, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Transportation Engineering
Job Website	https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Transport-engineering--Maritime-transport-and-management--Computer-science-_R00020150
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Apply By Email	

Job Description

One research fellow in Maritime Studies is available with flexible start time in the School of Civil and Environmental Engineering (CEE) at Nanyang Technological University (NTU) is available. The appointment is normally for 1 year with a provision for further extensions subject to good performance

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and availability of research funding. Possible research topics include but are not limited to data analytics in maritime studies, big data in shipping, shipping and port management, and green shipping management. Other related and proper research topics are also welcome.

Key Responsibilities:

- Develop state-of-the-art and innovative models and algorithms to improve port and shipping management efficiency;

- Propose solutions based on data analytics and operations research to address maritime practical problems;

- Develop mathematical models to model practical problems and choose proper solution approaches for solving the problem;

- Conduct extensive numerical experiments to validate the performance of the proposed models;

- Present the research results as academic papers and reports;

Job Requirements:

- Must hold a PhD degree in transport engineering, maritime transport and management, computer science, or a related field from a good university;

- Excellent programming skills, such as Python, C++, Java, Julia, or other competent languages;

- A good record of publications in reputable peer-reviewed journals or conferences in maritime

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transport, logistics management, machine learning, deep learning, and optimization;

- Proficient in written and spoken English - essential for data analysis and communication with stakeholders

- Experience in proposal writing and funding application is a plus.

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