

## Contact

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(LinkedIn)

[github.com/AmirYunus](https://github.com/AmirYunus) (Other)

## Top Skills

Python (Programming Language)

Artificial Intelligence (AI)

Computer Vision

## Certifications

Mastering Communications as a Leader

Business Development: Strategic Planning

Registered Instructor

Finance Foundations

Onboarding New Hires as a Manager

## Honors-Awards

Scholarship for Academic Excellence and Leadership

Innovation and Productivity Award

Gold Award for Team Excellence Assessment

## Publications

Blockchain Technology in Temperature-Controlled Maritime Logistics: Opportunities and Challenges

# Amir Yunus

Lecturer (Artificial Intelligence)

Singapore

## Summary

Amir Yunus is a highly experienced professional with a rich background in artificial intelligence, data science, and research. He is currently serving as a Lecturer at the Institute of Technical Education. Amir is pursuing an M.Sc. in Information Systems from Nanyang Technological University and holds a B.Sc. (Hons.) in Economics and Management from the University of London, among other qualifications. He is skilled in various technologies, programming languages, and machine learning frameworks. His most recent project was to develop a localised Large Language Model (LLM) with a Retrieval-based Augmented Generation (RAG).

## Experience

Institute of Technical Education

Lecturer (Artificial Intelligence)

2022 - Present (2 years)

Singapore

Awards:

- Innovation and Productivity Award
- Gold Award for Team Excellence Assessment

Chief Module Coordinator:

- AI Project Foundation
- AI Project Development
- Applied Computational Thinking

Module Coordinator:

- Programming Essentials

Exam Item Author, Setter and Moderator:

- Software Development Practices
- Computer Vision Essentials
- Data for AI Essentials

Module Lecturer:

- AI Machine Learning Fundamentals
- AI Project Foundation
- AI Project Development
- Computer Vision Essentials
- Content Management System
- Programming Essentials
- Software Development Practices
- Understanding Entrepreneurship
- Design Thinking for Technology

Class Advisor:

- CI2304P
- CI2404P

Courses Supported:

- Higher Nitec in AI Applications
- Higher Nitec in IT Applications Development

Curriculum Development:

- Certificate of Competency Courses
- Micro-Learning Courses
- Staff Development
- Work-Study Diploma

Roles:

- Continuing Education & Training (CET) Coordinator
- Section Examinations Coordinator
- Special Education Needs (SEN) Representative

AI-Assisted Projects:

- ClassMate (Classroom Management)
- Confidence Coach (Interview Preparation)
- Interview Assessment and Analysis
- eLITE Model
- VocaGen NameReader
- VocaGen CustomVoice
- PoseMaster

Computing Devices:

- Jetson AGX Xavier
- Jetson Nano 4GB with Jetbot
- NVIDIA DGX
- NSCC ASPIRE 2A

Yunora

Co-Founder

2015 - Present (9 years)

Singapore

Computing Devices:

- Jetson Nano 4GB

General Assembly

Instructional Associate (Data Science Immersive)

2022 - 2022 (less than a year)

Singapore

ST Engineering

Cyber Security Engineer (Artificial Intelligence)

2021 - 2022 (1 year)

Singapore

Determined the areas of research to increase knowledge in the field of cyber security, by developing deep learning neural network architectures and machine learning algorithms.

National University of Singapore

Research Engineer (Artificial Intelligence)

2020 - 2021 (1 year)

Singapore

Responsible in conducting research involving experimentation and modelling. Studying, experimenting, and investigating technological fields such as artificial intelligence, robotics, and virtual reality. Working as part of a team with Research Fellows and engineers to tackle problems and create new solutions.

Ministry of Social and Family Development, Singapore (MSF)

Research Officer

2016 - 2017 (1 year)

Participate in the design, administration, and monitoring of surveys from participants. Analyse and evaluate socioeconomic and behavioural data

gathered during research. Ensure compliance with protocol and overall research objectives.

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## Education

Nanyang Technological University Singapore

M.Sc., Information Systems · (2024 - 2026)

University of London

B.Sc., Economics and Management with Honours · (2013 - 2015)

General Assembly

Cert., Data Science · (2019 - 2019)

Singapore University of Social Sciences

Dip., Management Studies · (2011 - 2012)

Singapore Polytechnic

Dip., Bioelectronics · (2006 - 2009)