



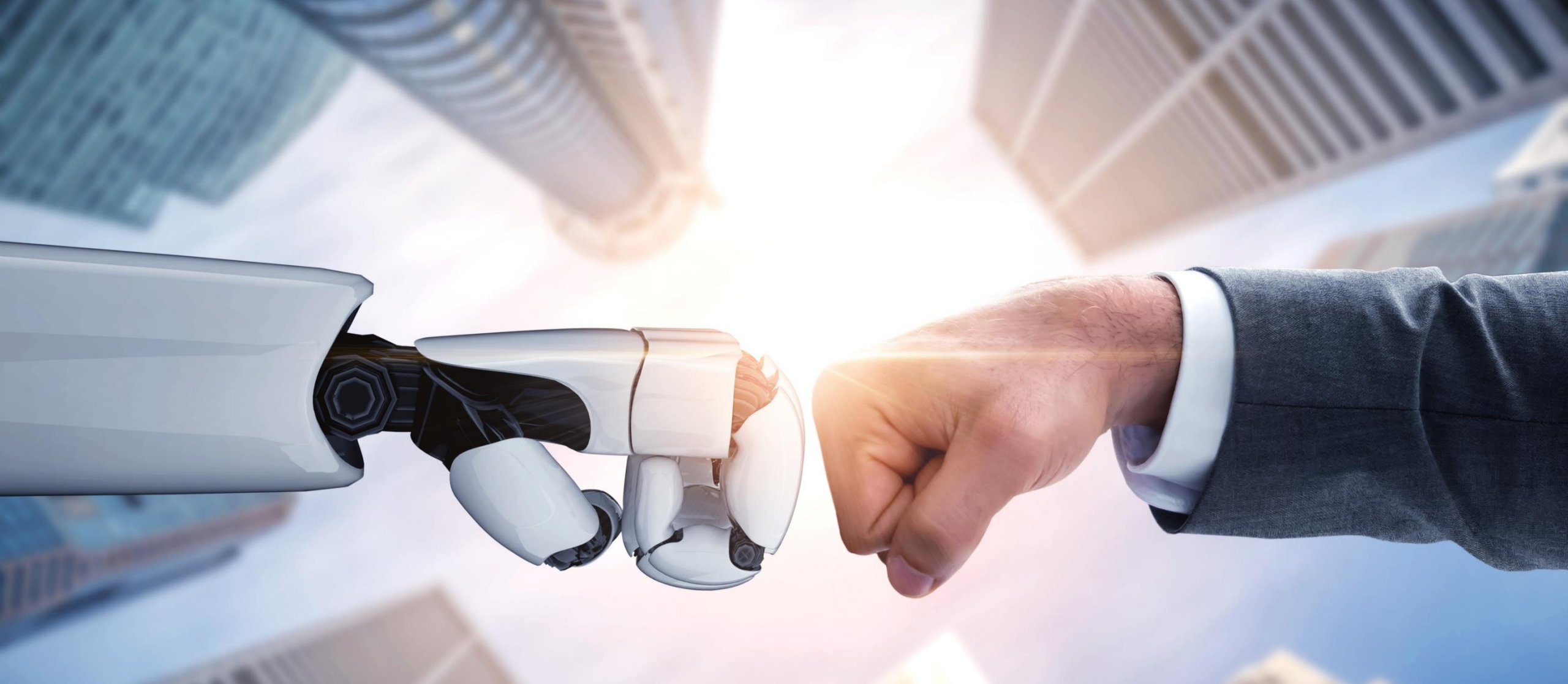
MOHAMED BIN ZAYED  
UNIVERSITY OF  
ARTIFICIAL INTELLIGENCE



The Power  
of International  
Education

# MOHAMED BIN ZAYED UNIVERSITY OF ARTIFICIAL INTELLIGENCE

## MSc & PhD SCHOLARSHIP OPPORTUNITIES



“**MBZUAI** is an open invitation from Abu Dhabi and the UAE to the world to unleash the **full potential of AI**”

# AI IN THE UAE

- It is estimated that AI could contribute **\$320 billion** to the Middle East economy in 2030, with UAE seeing the greatest gains.
- UAE 2031 vision will position UAE as a world leader in AI by 2031 and increase productivity and economic growth.
- UAE is an open-ground and testbed for AI innovations.
- UAE hosted the world's first AI summit, AI Everything.
- **UAE is the home to the world's first graduate-level, research-based AI university.**





MBZUAI is the  
world's first graduate-level,  
research-based academic institution



offers specialized degree  
programs in the field of  
**Artificial Intelligence**



# MBZUAI BOARD OF TRUSTEES



## **Dr. Sultan Al Jaber (Chair)**

Cabinet Member and **Minister of State**

## **Dr. Eric Xing**

**MBZUAI President**, Associate Department Head of Research at the Machine Learning Department from **Carnegie Mellon's School of Computer Science**

## **Prof. Anil K. Jain**

Distinguished Professor at **Michigan State University** and a research expert in AI specializations

## **Prof. Sir Michael Brady**

Professor of Oncological Imaging at **University of Oxford**

## **Dr. Kai-fu Lee**

Chairman and CEO of Sinovation Ventures and President of **Sinovation Venture's Artificial Intelligence Institute**

## **Prof. Daniela Rus**

Director of the Computer Science and **Artificial Intelligence Laboratory (CSAIL) at MIT**

## **Mr. Peng Xiao**

Global technology and business leader, **CEO Group 42**

# MBZUAI FACULTY



**Professor Eric Xing**  
President of Mohamed bin Zayed University of Artificial Intelligence



**Professor Fakhreddine Karray**  
Provost



**Professor Le Song**  
Department Chair,  
Machine Learning



**Professor Ling Shao**  
Professor



**Dr. Martin Takac**  
Associate Professor,  
Machine Learning



**Dr. Fahad Khan**  
Associate Professor,  
Computer Vision



**Dr. Karthik Nandakumar**  
Associate Professor,  
Computer Vision



**Dr. Huan Xiong**  
Assistant Professor,  
Machine Learning



**Dr. Rao Muhammad Anwer**  
Assistant Professor,  
Computer Vision



**Dr. Hisham Cholakkal**  
Assistant Professor,  
Computer Vision



**Dr. Muhammad Haris Khan**  
Assistant Professor,  
Computer Vision



**Dr. Hang Dai**  
Assistant Professor,  
Computer Vision



**Dr. Bin Gu**  
Assistant Professor,  
Machine Learning



**Dr. Mohammad Yaqub**  
Assistant Professor,  
Computer Vision



**Dr. Salman Khan**  
Assistant Professor,  
Computer Vision



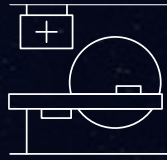
**Dr. Shangsong Liang**  
Assistant Professor,  
Machine Learning

# MBZUAI HAS A CLEAR VISION, MISSION & OBJECTIVES



## IT & Telecommunication

- Deepfake Detection
- Face-related Tasks
- Visual Tracking
- Biometric Recognition
- Signal Processing
- Cryptography
- Data Mining
- Blockchain
- Domain Adaptation



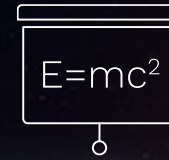
## Healthcare & Pharma

- Medical Image Analysis
- Women and fetal health
- Cancer treatment
- COVID-19 effects on patients with comorbidities



## Transportation & Logistics

- Crowd Counting
- Pedestrian Detection
- Image Classification
- Human Pose Estimation
- Object Recognition
- Action Recognition
- Pattern Recognition



## Education

- Computer Vision
- 3D Computer Vision
- Discrete Mathematics
- Machine Learning
- Optimization in Machine Learning
- Deep Learning
- Geometric Deep Learning



## Energy

- Machine Inspection & Anomaly Detection
- Intelligent Robots for Exploration & Production
- Smart Grids & Smart Home
- Computer Vision for Work Place Safety / Environmental & Land Surveys
- Automatic Analysis of Subsurface Data from Seismic Surveys

# MBZUAI PROGRAM OFFERING

MBZUAI offers MSc and PhD programs in the following areas of AI specialization:

## MSc Programs

1. Master's of Science in Computer Vision.
2. Master's of Science in Machine Learning.
3. Master's of Science in Natural Language Processing.

## PhD Programs

1. Doctor of Philosophy in Computer Vision.
2. Doctor of Philosophy in Machine Learning.
3. Doctor of Philosophy in Natural Language Processing.





# MBZUAI SCHOLARSHIP BENEFITS

- 100% tuition fees
- Generous monthly stipend **ranging from \$2,000 (MSc) to \$2,500 (PhD)**
- Campus accommodation ([www.mbzuai.ac.ae/vr-tour/](http://www.mbzuai.ac.ae/vr-tour/))
- Comprehensive health insurance
- Annual roundtrip flights **to and from Abu Dhabi**
- No post-graduation bonds



# MBZUAI ADMISSION CRITERIA

## For MSc Programs:

### Completed Degree

**Bachelor's degree in a S.T.E.M field**  
*(such as Computer Science, Electrical Engineering, Computer Engineering, Mathematics, Physics and other relevant Science and Engineering majors, from an accredited university or college recognized by the UAE Ministry of Education)*  
without the need of prior work experience

### Academic Transcripts

Student should have  
a **minimum undergraduate CGPA of 3.2**  
**(on a 4.0 scale).**

### English Language

Valid certificate copies of either a standard  
**TOEFL iBT** with a minimum  
total score of 90;  
**IELTS Academic** with a minimum  
overall score of 6.5;  
or **EmSAT English** with a minimum  
score of 1550

### Graduate Record Examination (GRE)

General score is a plus and would be considered in the evaluation of the applicants.  
**2 Referee Recommendation**  
*(faculty/research advisor and/or a previous work supervisor)*

## For PhD Programs Standard type:

### Completed Degree

**Bachelor's and Master's degrees in a S.T.E.M field**  
*(such as Computer Science, Electrical Engineering, Computer Engineering, Mathematics, Physics and other relevant Science and Engineering majors, from an accredited university or college recognized by the UAE Ministry of Education)*  
without the need of prior work experience.

### Academic Transcripts

Student should have a minimum  
**CGPA of 3.2 (on a 4.0 scale)** for  
**both Bachelor's and Master's degrees.**

### English Language

Valid certificate copies of either a standard  
**TOEFL iBT** with a minimum  
total score of 90;  
**IELTS Academic** with a minimum  
overall score of 6.5;  
or **EmSAT English** with a minimum  
score of 1550

### Graduate Record Examination (GRE)

General score is a plus and would be considered in the evaluation of the applicants.  
**3 Recommendation letter**  
**Research Statement**

# PARTNERSHIPS ACROSS 3 CATEGORIES CURRENT & UNDER DISCUSSION



Academic  
Partnerships



Industrial  
Partnerships



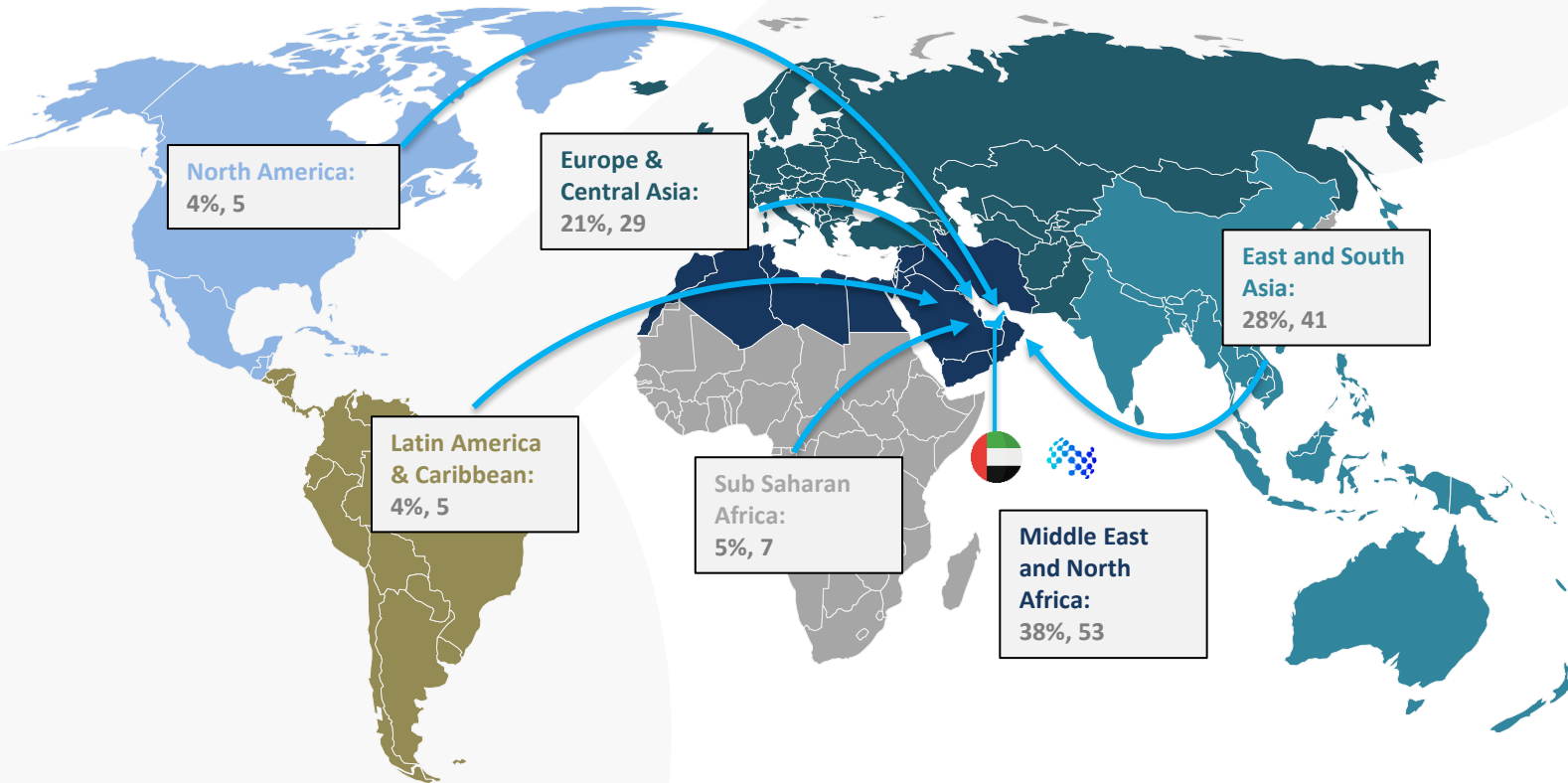
Government  
Partnerships



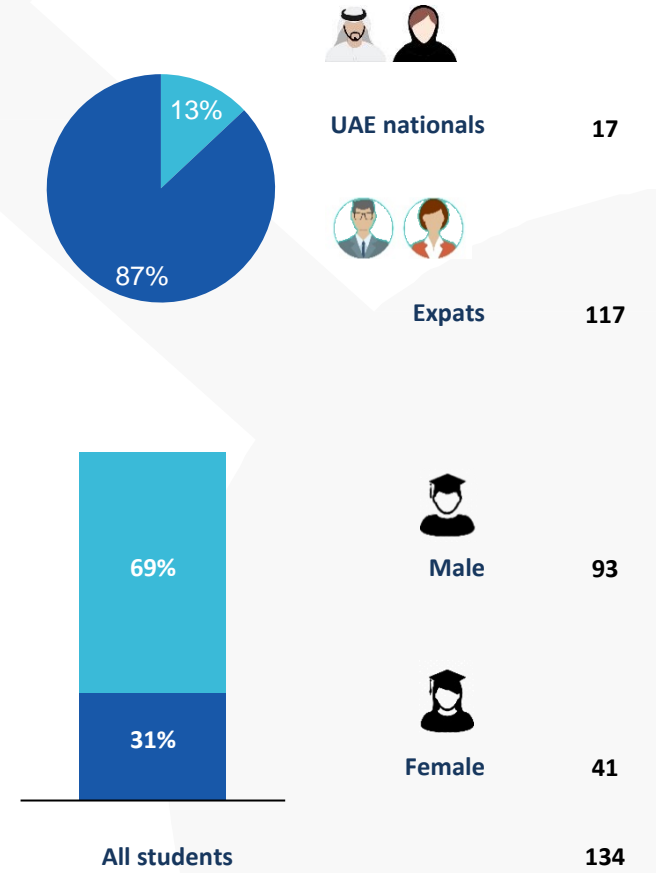
# HEALTHIER STUDENT DEMOGRAPHY



**Students Originated Regions, % of total students, number of students**



**Students Demographics\*, number of students**



# OUR STUDENT ACHIEVEMENTS

Students winning awards, demonstrating academic strength and problem-solving capabilities in local and international competitions\*



GITEX 2021

**1<sup>st</sup> Place** for Individual Entry  
**Silver Place** for Team Entry

**Award Students:**

- Muhammad Ridzuan
- Gokhul Kumar
- Akbobek Abilkaiyrkyzy
- Ahmed Al Mahrooqi



**1<sup>st</sup> Place** at Agrithon, by Abu Dhabi Agriculture and Food Security Authority (ADAFSA)

**Award Students:**

Masdar Boys:

- Gokul Karthik Kumar
- Sahal Shaji Mullappilly
- Abhishek Singh Gehlot
- Bokang Jia
- Muhammad Uzair Khattak

Green AI

- Mugariya Farooq
- Sarah Albarri



**1<sup>st</sup> Place** at HackForSpace Hackathon organized by G42 and coders HQ

**Award Students:**

- Klea Ziu
- Nicolas Mauricio Cuadrado Avila
- Roberto Alejandro Gutierrez Guillen



**1<sup>st</sup> Place** at 24th International Conference on Medical Image Computing & Computer Assisted Intervention.

**Award Students:**

- Numan Saeed
- Roba Al Majzoub
- Ikboljon Sobirov



**1<sup>st</sup> Place** at ICE-21 a virtual competition for Innovation and Entrepreneurship.

**Award Students:**

- Sulaiman Hamza Aljanahi (MSc)
- Shahad Al Shamsi (MSc)



**3<sup>rd</sup> Place** at HackForSpace Hackathon organized by G42 and coders HQ

**Award Students:**

- Muhammad Hamza Sharif
- Muhammad Umar Salman
- Muhammad Uzair Khattak

# WHY STUDY AT MBZUAI

To date, MBZUAI received thousands of applications from over 80 countries

- MBZUAI is the **world's first AI university**, specializing in research and graduate-level education.
- MBZUAI board of trustees include **world renowned AI experts**.
- MBZUAI **world-class faculty** have real-world professional experience in AI.
- MBZUAI is **fully funded by the UAE government** and all admitted students are covered with **full scholarship**. (i.e. 100% tuition fees, health insurance, campus accommodation, monthly stipend plus other benefits)
- MBZUAI campus is **furnished with top of the line GPU facilities** and have access to nearly 1000 NVidia DGX-1/2 GPU servers. (i.e. one of the largest in the world)
- MBZUAI students will benefit from our **close institutional connections with companies in the UAE and abroad** who offer internships to drive professional development during their study period.



# ACCEPTING APPLICATIONS NOW

Visit [www.mbzuai.ac.ae](http://www.mbzuai.ac.ae) to apply

MBZUAI will start receiving applications for Fall 2022  
**Suggested deadline (for International Student) – February 28, 2022**



## Interested candidates

Please scan QR to fill out interest form  
or email to [ssupanwattanachai@iie.org](mailto:ssupanwattanachai@iie.org)  
to schedule a call for info-session & detail.



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ARTIFICIAL INTELLIGENCE



The Power  
of International  
Education

# Thank you!

For more information, please contact  
**IIE SE Asia Outreach specialist**  
or submit your interest at [www.iie.org/mbzuai](http://www.iie.org/mbzuai)



**CC Supanwattachai**  
SE Asia Outreach Specialist  
Institute of International Education (IIE)  
[ssupanwattachai@iie.org](mailto:ssupanwattachai@iie.org)