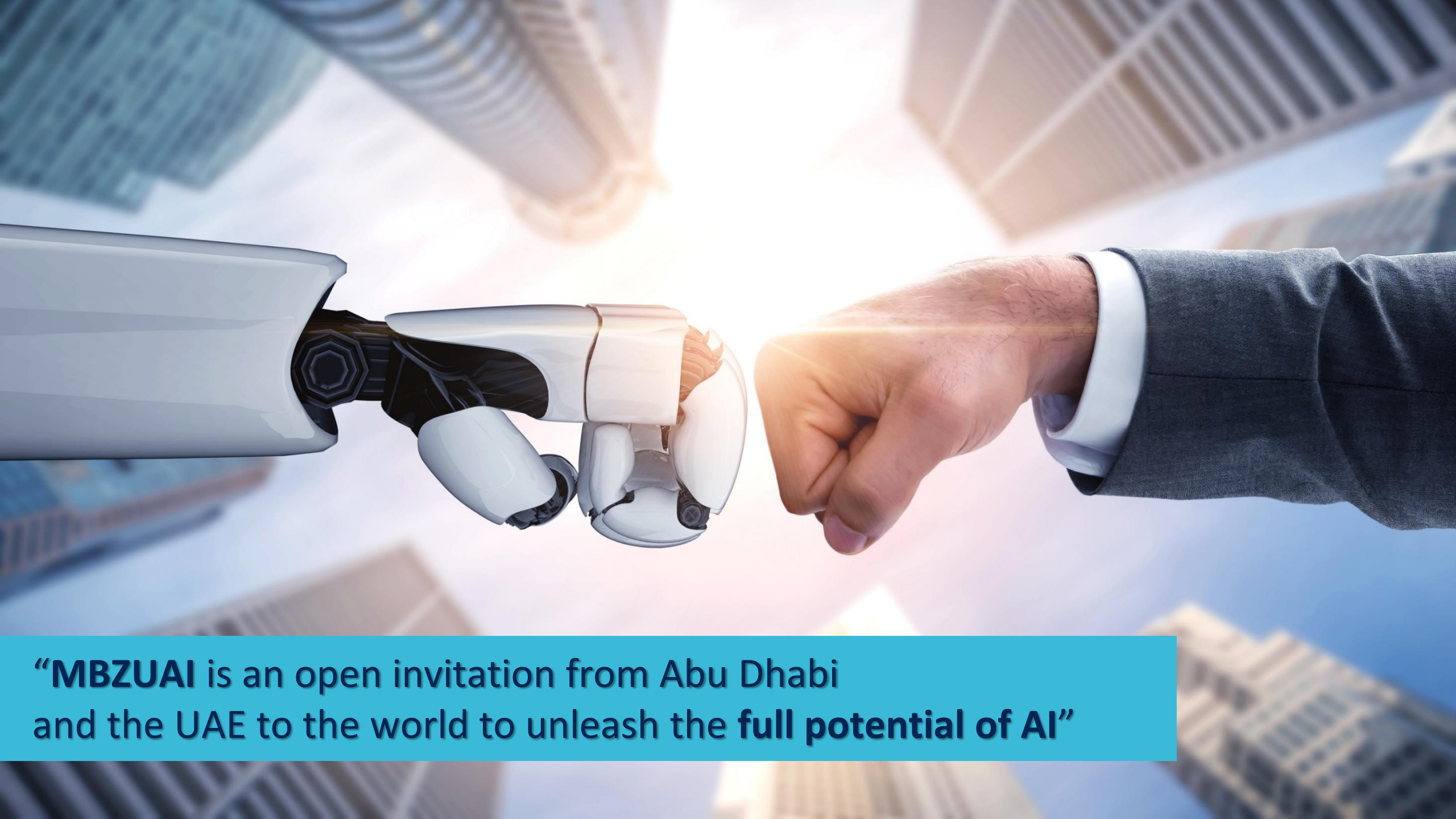
MOHAMED BIN ZAYED UNIVERSITY OF ARTIFICIAL INTELLIGENCE

iie The Power of International Education

MOHAMED BIN ZAYED UNIVERSITY OF ARTIFICIAL INTELLIGENCE

MSc & PhD SCHOLARSHIP OPPORTUNITES

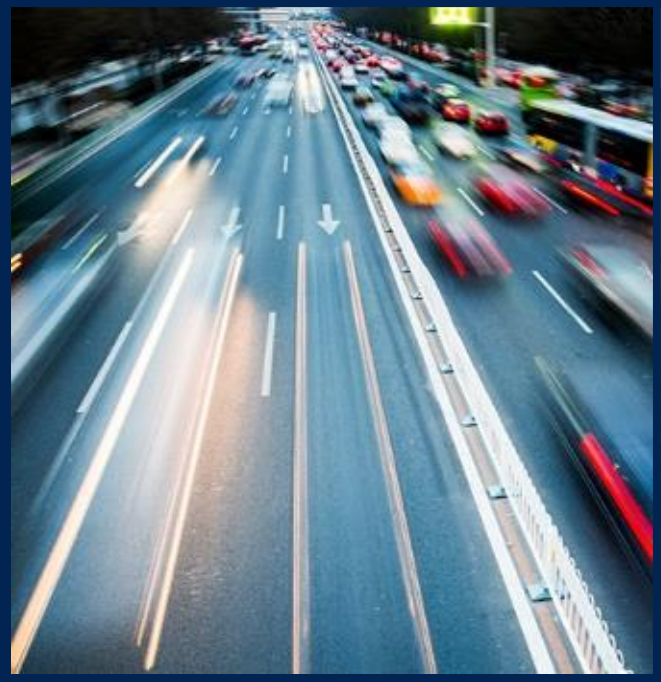
CC Supanwattanachai
SE Asia Outreach Specialist
Institute of International Education (iie.org)



"**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**

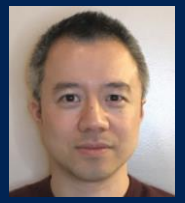
Prof. Daniela Rus
Director of the Computer Science and **Artificial Intelligence Laboratory** (CSAIL) at **MIT**

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

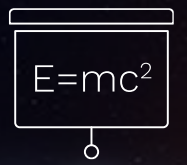
- Deepfake Detection
- Face-related Tasks
- Visual Tracking
- Biometric Recognition
- Signal Processing
- Cryptography
- Data Mining
- Blockchain
- Domain Adaptation

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/)
- 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

מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

Virgin hyperloop one

TII Technology Innovation Institute

البرنامج الوطني للذكاء الاصطناعي
NATIONAL PROGRAM FOR ARTIFICIAL INTELLIGENCE

أكاديمية أبوظبي الحكومية
ABU DHABI SCHOOL OF GOVERNMENT

هيئة أبوظبي الرقمية
ABU DHABI DIGITAL AUTHORITY

Massachusetts Institute of Technology

THE HEBREW UNIVERSITY OF JERUSALEM

G42

IBM

أدنوك
ADNOC

شرطة أبوظبي
ABU DHABI POLICE

UNITED ARAB EMIRATES MINISTRY OF INDUSTRY & ADVANCED TECHNOLOGY

UAE 2031 استراتيجية الإمارات للذكاء الاصطناعي
UAE ARTIFICIAL INTELLIGENCE STRATEGY

Cleveland Clinic

HUB71

Masdar CITY

ThalesAlenia Space

SEHA صحة
Abu Dhabi Health Services Co. شركة أبوظبي للخدمات الصحية

الهيئة الاتحادية للتنافسية والإحصاء
FEDERAL COMPETITIVENESS AND STATISTICS AUTHORITY

mbzuai.ac.ae

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.

mbzuai.ac.ae

ACCEPTING APPLICATIONS NOW

Visit 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
to schedule a call for info-session & detail.

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Thank you!

For more information, please contact
IIE SE Asia Outreach specialist
or submit your interest at **www.iie.org/mbzuai**

CC Supanwattanachai
SE Asia Outreach Specialist
Institute of International Education (IIE)
ssupanwattanachai@iie.org