



# JUNG YOUNG HAN

A.K.A **JAY**

## Director

DIGITAL GOVERNMENT COOPERATION CENTER

### PROFILE

Now, Director of Korean-Tunisian Digital Government Cooperation Center (DGCC).

Dedicating to enhancing Tunisian E-government system and improving UN e-government evaluations

In the Department of Global ICT Cooperation, Global Digital Transformation Team of NIA. Actively involved in the establishment of international organizations affiliated with the UN/OECD within South Korea.

Preparing for the UN Global Digital Compact for the announcement of digital rights advocacy as part of our efforts to establish global digital norms. Additionally, Successfully organized high-profile events, such as the Paris Digital Vision Forum, in which the President of South Korea participated.

Possess specialized knowledge in ICT along with strong international communication skills. Recently, Received the Outstanding Paper Award for my work in developing an 'Efficient prediction system using artificial intelligence'. Also awarded in competitions for my development of an automatic alert system for traffic hazard situations using AI vision technology.

Through experience in formulating South Korea's policies, vision, and objectives related to ICT, I possess a clear understanding of the appropriate direction and policy measures for the development of the global IT industry, tailored to the national context.

### WORK EXPERIENCE

Korea-Tunisia Digital Government Cooperation Center  
National Information society Agency

#### DIGITAL GOVERNMENT COOPERATION CENTER | PRESENT

Director of Korea-Tunisia Digital Government Cooperation Center  
Enhancing Tunisian E-government and UN e-government evaluation

#### GLOBAL DIGITAL TRANSFORMATION TEAM | 2023

Director of UN/OECD International Organization establishment  
Digital Rights Advocacy and Establishment of Global Digital Norms

#### AI STRATEGY/BUSINESS TEAM | 2020

Artificial Intelligence Business Strategy Development  
Artificial Intelligence Training Data Operations Management

#### CYBERSECURITY TEAM | 2017

Personal Data Protection Oversight and Policy Development  
Establishment and Operation of Information Security Systems and  
Cyber Intrusion Prevention

#### PUBLIC DATA TEAM | 2014

Operation of Public Data Establishment Project  
Development of Guidelines for Standardizing Public Data

### INTERNATIONAL COOPERATION EXPERIENCE

#### UN GLOBAL DIGITAL COMPACT | 2023.10

Successful Attraction of UN Global Digital Compact to South Korea  
Invitation of Representatives from 30 Countries in the Asia-Pacific

#### NEW YORK DIGITAL INITIATIVE | 2023.9

Declaration of Universal Digital Values and Rights in the Republic of Korea | VIP Event

#### PARIS GLOBAL DIGITAL VISION FORUM | 2023.6

Global Dissemination of South Korea's National Digital Strategy and Vision | VIP Event

Through the successful execution of projects such as the establishment of a large-scale artificial intelligence learning dataset and a public data construction project, I have the capability to manage and drive projects related to the creation of an open data portal and the establishment of industry-academia cooperation.

With over a decade of experience in ICT-related projects, collaborating with thousands of IT vendors, I have developed exceptional communication and negotiation skills. This enables me to discuss project directions and maintain smooth relationships with local stakeholders.

AI program and system development, as well as numerous cases of staff training, have equipped me with a deep understanding of coding, IT-related education, curricula, and educational systems. I can collaborate with local educational institutions to develop and propose suitable educational courses.

Have work and residence experience in Germany, Australia, and China. I bring a wealth of international collaboration experience, including participation in discussions regarding internet addiction prevention policies between South Korea and Taiwan and collaborative work with Fraunhofer IAO of Germany on "Digital Platform Government" initiatives.

Overall, I am an expert with a well-rounded background and international experience, making me well-suited for the challenges of the global digital landscape.

## LANGUAGES

Python / C++  
English / French / Chinese/ German  
Arabic /Korean

## CONTACT

PHONE:  
[Tunisia] +216 2433 1567  
[Korea] +82 6576 3210

EMAIL:  
012@nia.or.kr

## TAIWAN ADDICTION SOCIETY CONFERENCE | 2021.10

Discussion on Digital Addiction and Strategies for Digital Inclusion

## FRAUNHOFER IAO OF GERMANY | Dispatch. 2019

Research on Smart Office Infrastructure Systems  
Smart city & Digital Transformation Research Cooperation

## ICT POLICY DEVELOPMENT

Strategy for Developing AI Educational Big Data in South Korea  
Strategy for Creating and Supervising Public Data in South Korea  
NIA Information Security Guidelines  
NIA Personal Information Management Guidelines  
Cybersecurity Incident Response Approach

## OTHER ACHIEVEMENTS

### PUBLICATIONS

Meal Attendance Prediction Model Using Artificial Intelligence | 2023  
Predictive Model Development Using AutoML | 2023

### AWARDS AND HONORS

Outstanding Paper Award from Korean Society of Information Science and Technology | 2023  
Excellence in Proposal Award of Identification of Harmful Risk Factors Competition from NIA | 2023  
Employee Commendation for Excellence of NIA | 2018  
National Meritorious Service Medal from President of Korea | 2007

### PROGRAM & SYSTEM DEVELOPMENTS

A.I Vision Technology Person Recognition Parking Alarm System  
A.I Recognition Fitness Posture Correction and Injury Prevention System  
Robotic Process Automation(RPA) System for Automating ICT Project  
Prediction program of Restaurant Customer Using Machine Learning  
Soil Moisture Prediction for Malaysian Pineapple Cultivation  
\* Using Data from South Korea-Malaysia NIA Collaborative Project

### CERTIFICATIONS

ADsP (Advanced Data Analytics Semi-Professional)  
SQLD (Structured Query Language Developer)  
Certified National Taekwondo Instructor  
Certified National Automotive Mechanic  
Various Office Automation Certifications etc.  
TOEIC 970/990 (Test of English for International Communication)

## EDUCATIONAL DELIVERY & INSTRUCTION CASE

MORE THAN 100 TIMES

## EDUCATION

Kyungpook National University / JoongAng University

### ARTIFICIAL INTELLIGENCE GRADUATE SCHOOL | 2023

Research in AI Computer Vision Algorithms and Training Data  
Study on Developing Prediction Systems with AutoML

JOONGANG UNIVERSITY | UNDERGRADUATE | 2010

HENAN NORMAL UNIVERSITY, CHINA | 2003