



# Oybek Eraliev

AI Researcher

Incheon, South Korea

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 [Google Scholar](#),  
[Linkedin](#)

## Skills

Python

Machine Learning

Tensorflow

PyTorch

Data Modeling

Data Analysis

SQL

HTML & CSS

## Languages

Uzbek

English

Korean

## Hobbies

Football, Chess, and travel

## Profile

Passionate PhD student with a relentless drive for innovation in AI, ML, and DL. Backed by a solid track record in research and real-world application, I thrive on transforming complex challenges into cutting-edge solutions. My journey is fueled by a fusion of in-depth expertise, a hunger for learning, and a knack for turning ideas into impactful realities. Let's collaborate to push the boundaries of what's possible in Applied AI!

## Employment History

**Assistant Professor, Fergana Polytechnic Institute, Fergana**

September 2014 — August 2019

Teaching students at Thermodynamics and Physics

**Senior Engineer-Quality Assurance, Uz-Sungwoo, Fergana**

March 2012 — May 2014

## Education

**Bachelor, Fergana Polytechnic Institute, Fergana**

September 2008 — July 2012

Graduated With High Honors

**Master, Fergana Polytechnic Institute, Fergana**

September 2012 — July 2014

Graduated With High Honors

**Ph.D, Inha University, Incheon**

September 2019 — February 2024

Graduated With High Honors

## Publications

**Vibration-based loosening detection of a multi-bolt structure using machine learning algorithms, Sensors**

March 2022

**Sensing, perception, decision, planning and action of autonomous excavators, Automation in Construction**

September 2023

**Automatic Optimization of One-Dimensional CNN Architecture for Fault Diagnosis of a Hydraulic Piston Pump Using Genetic Algorithm, IEEE Access**

June 2023

**Performance Analysis of Time Series Deep Learning Models for Climate Prediction in Indoor Hydroponic Greenhouses at Different Time Intervals, Plants**

June 2023

## **Courses**

**Machine Learning, Coursera**

March 2020

**Deep Learning Specialization, Coursera**

November 2021