

Davran Damkhan

Data Scientist and Machine Learning Engineer

Future Data Scientist with advanced knowledge of Machine Learning, Image Processing, Computer Vision and Statistics. Have research experience in power engineering and Deep Learning. Detail-oriented, fast learning and creative skills with great abilities in teamwork.

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Davran Damkhan

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EDUCATION

Bachelor of Electrical and Computer Engineering

Nazarbayev University

08/2018 - Present

Nur-Sultan

Courses

- Computer Science
- Power Analysis
- Computer Networks
- Probability and Statistics
- Complete Data Science Bootcamp (Udemy)
- Digital Image Processing
- Microprocessors
- Machine Learning with Python
- Computer Vision

Foundation Year Program

Nazarbayev University

09/2017 - 05/2018

Nur-Sultan

RESEARCH EXPERIENCE

Deep-learning-based approach for High Voltage Insulator inspection using UAV (09/2019 - Present)

- Inspection of HV insulator faults using UAV drones, image processing and deep learning algorithm (CNN)

Electric energy generator (03/2016 - 05/2017)

- Generating energy from walking using piezo-quartz elements

WORK EXPERIENCE

Robotics Engineer

Astana Business Campus Fab Lab

01/2019 - 06/2019

Nur-Sultan

- Designing Robot Hexapod using Arduino microcontroller and Android application

Sales Manager

Company Al-Naz

07/2020 - 11/2020

Shymkent

Responsible for leading and guiding a team of sales people in an organization

SKILLS

Good technical abilities

Enthusiasm

Innovation

Teamworking skills

Communication

Self-discipline

Statistics

Critical Thinking

Presentation Skills

System Design and Analysis

Risk Management

Image Processing

Motivation

Machine Learning

ACHIEVEMENTS

Bronze medal (2017)

International Project Competition, Almaty, Kazakhstan

Gold Medal (2016)

Regional Project Olympiad, Shymkent, Kazakhstan

Silver Medal (2017)

Young Inventors Project Competition, Astana, Kazakhstan

CERTIFICATES

IELTS (2017)

Cisco Certified Network Professional (2017)

LANGUAGES

English

Professional Working Proficiency

Russian

Professional Working Proficiency

Kazakh

Native or Bilingual Proficiency

Turkish

Professional Working Proficiency

SOFTWARES AND PROGRAMMING LANGUAGES

C

Python 3

POWER WORLD

SQL

Tensorflow\Keras

Scikit-learn

AUTODESK EAGLE

MATLAB (Image Processing and Machine learning)

PSpice/LTSpice

Microchip Studio