

# Azamat Orazgali

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## EDUCATION

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**Astana IT University**  
*Bachelor of Big Data Analysis*

Astana, KZ  
Aug. 2024 – May 2027

## EXPERIENCE

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### Machine Learning engineer

Apr. 2023 – Aug. 2023

*CropScan*

Uralsk, KZ

- Participated in the creation of a convolutional neural network on VGG16 architecture for crops recognition from scratch
- Connected a neural network to the camera by using the OpenCV library

### Flutter developer

Mar. 2022 – Aug. 2022

*L7RK*

Uralsk, KZ

- Contributed to creating an application from scratch
- Participated in the building an UI of the application from zero
- Helped to win a republic startup competition and attracting investment

## PROJECTS

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### RobotArm | *Python, TensorFlow, Keras, OpenCV, Pyfirmata*

Feb. 2023 – June 2023

- Developed a convolutional neural network on VGG16 architecture to distinguish kargo based on their color
- Connected the neural network with a robotic arm
- Implemented python code to the arduino

### LeukoAI | *Python, TensorFlow, Keras, OpenCV, PyQt*

Mar. 2023 – Aug. 2023

- Developed a convolutional neural network on VGG16 architecture to classify medical images to detect eye diseases
- Connected the neural network with the camera by using the OpenCV library
- Implemented neural network to the desktop application by using the PyQt library

## TECHNICAL SKILLS

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**Languages:** Python, C++, SQL, JavaScript, HTML/CSS, R

**Frameworks:** TensorFlow, Keras, Flask, React, Node.js

**Developer Tools:** Git, Conda, Jupyter notebook, Google colab, VS Code, PyCharm

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, OpenCV