Khasanboyev Bekhruz

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Namangan, Uzbekistan

OBJECTIVE

Seeking a challenging role in robotics and AI to leverage my expertise in AI development and engineering. Passionate about innovation, I strive to contribute to cutting-edge projects that develop advanced humanoid systems to solve real-world problems

EDUCATION

- **School Number 3** *May 2022*
  Secondary Education Namangan, Uzbekistan
  ○ GPA: 9.8/10

PROJECTS

- **Project: AI Tumor Detector** *January 2024 - May 2024*
  Tools: Python, TensorFlow, OpenCV, Medical Imaging Datasets
  ○ Developed an AI-based tumor detection model for diagnosing lung and brain cancers.
  ○ Implemented convolutional neural networks (CNNs) for image classification, achieving 95
  ○ Created a preprocessing pipeline to enhance image quality, ensuring better diagnostic outcomes.
  ○ Applied data augmentation techniques to increase dataset diversity and improve model robustness.

- **Project: FacePass (Facial Recognition Access Control System)** *August 2024 - November 2024*
  Tools: Python, OpenCV, Dlib
  ○ Developed a facial recognition-based access control system to automate entry and exit tracking.
  ○ Integrated real-time video analysis with deep learning models for high-accuracy recognition.
  ○ Created a user-friendly web interface for administrators to manage registered individuals.
  ○ Enhanced security by implementing anti-spoofing measures, ensuring reliable operations.

- **Project: AI Call Centre** *March 2024 - August 2024*
  Tools: Python, TensorFlow, Google speech
  ○ Developed an AI-driven call center system for automating customer service inquiries.
  ○ Implemented natural language understanding (NLU) models for accurate query interpretation.
  ○ Processed and analyzed call data to improve response quality and customer satisfaction.
  ○ Created an interactive interface for supervisors to monitor system performance in real-time.

SKILLS

- **Web Technologies:** JavaScript, HTML, CSS, React, Node.js
- **Data Science & Machine Learning:** Python, TensorFlow, PyTorch, scikit-learn, Keras, Pandas, NumPy, OpenCV, Matplotlib, CV2, others
- **Research Skills:** Data Analysis, Machine Learning Algorithms, Computer Vision, Deep Learning, Model Evaluation, Image Preprocessing

HONORS AND AWARDS

- **2nd place at Open Skill-Based Competition** *2024*
  Sharda University, Andijan, Uzbekistan
  ○ Developed a recommendation system that analyzed and rated mood, atmosphere, and other aspects of a setting.

CERTIFICATIONS

- **Graduate of UITC Academy in AI** *April 2024*

ADDITIONAL INFORMATION

Languages: Uzbek (Native), Russian (Fluent), English (IELTS: 7.0)
Interests: Anime, Gaming, Coding