

# Ukibassov Baubek Muratuly

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## OBJECTIVE

A passionate and innovative Senior Lecturer and Machine Learning Engineer with extensive experience in academia and industry. Seeking to leverage my expertise in Go Lang development, machine learning, and cloud-native technologies to contribute to cutting-edge projects in the field of space exploration and technology.

## EDUCATION

**THE GEORGE WASHINGTON UNIVERSITY, School of Engin and App Sc** Washington, DC  
*Master of Computer Science, Multimedia, Animation, Graphics and User Interface* Jan 2016 – Jan 2018

- **GPA: 3.61/4.0:**

**International Information Technology University (IITU)** Almaty, Kazakhstan  
*Bachelor of Information Systems* Sep 2009 – May 2013

- **GPA: 3.57/4.0:**

## EXPERIENCE

**NARXOZ University** Almaty, Kazakhstan  
*Senior-Lecturer* September 2023 — present

Teaching advanced courses in Machine Learning, Introduction to Programming, and 3D Animation. Developed and introduced a new curriculum for **\*\*Web Development using Go Lang\*\***, focusing on server-side programming, concurrency, and cloud-native application development. I enjoy teaching and inspiring talented students at Narxoz, one of the best universities in Central Asia;

My direct responsibilities are to guide and inspire the talented and ambitious students, so they can become happy and leaders of new inventions and innovations;

As a Senior-Lecturer, I teach following subjects: Machine Learning Fundamentals, Introduction to Programming, 3D Animation and Modeling, Web development in Go Lang;

**SOSIVIO, Autonomous Cloud Native** San Francisco, California, USA  
*Machine Learning Engineer* January 2021 — July 2023

- StartUp environment with progressive team. Everyday learning something new regardless of my direct responsibilities from co-workers and team leads;
- My direct responsibilities lay in between collecting data, preprocessing and running through NLP oriented ML and DL models. I am part of R&D team at SOSIVIO;
- Played a key role in the development of cloud-native ML solutions. Worked extensively with Go Lang for building scalable and efficient data processing pipelines;

**International Information Technology University** Almaty, Kazakhstan  
*Senior-Lecturer* February 2018 — May 2022

- I find myself enjoying my work with students. Everyday discussions with them pushes me forward and improves my knowledge. And that is what I like in teaching at university;
- Out of teaching processes, I engage in side projects by the Innovation Center at university in the machine learning realm. Last project I worked on became a base for my PhD research project. Overall, teaching at university is in many ways beneficial for me;

**Re:point** Almaty, Kazakhstan  
*CV(Computer vision) / ML engineer* September 2019 — February 2020

- Here I was lucky to work with awesome team who loved their jobs and always welcome to help with any technical

questions and not;

- Again, while working in this great environment I was able to learn more and gain more practical knowledge on Machine Learning. Also, one of the many valuable skills I have learnt during my job at re:point startup company was to deploy results of our job to real world and get a feedbacks;
- Specialized in developing computer vision models for real-time image processing applications. Integrated these models into larger software systems using Go Lang and Python;
- **Tech. stack:** Keras, Git/GitHub, Atlassian, Smart-Git, VS code, Linux

## Freelancer

*ML engineer / Data scientist*

Almaty, Kazakhstan

*May 2018 — November 2018*

Provided consultancy and development services for medical startups, focusing on predictive analytics using machine learning;

Overall, during these six months I was able to learn a lot about Artificial Intelligence and where/how to implement them in the real world. It was invaluable experience for me which set me to pursue ML engineer path;

- **Tech. stack:** Tensorflow, Git/GitHub, Slack, Trello, Python ML packages (skit-learn, pandas, numpy, seaborn), VS code, Linux;

## International Information Technology University

*Teacher Assistant*

Almaty, Kazakhstan

*September 2015 — December 2015*

- I was teaching assistant in Android Mobile Development Elective Course for 1 semester;
- I have improved a set of skills like working with different students/personalities, time management, leadership;
- Assembled a team of my students who worked on few successful projects. Nowadays, they are successfully implementing their knowledge in real-life problems;

## KAZAKH-RUSSIAN MEDICAL UNIVERSITY

*3D modeling, visualization, and animation*

Almaty, Kazakhstan

*September 2012 — May 2013*

- I was responsible to visualize the research results made at Kazakh-Russian Medical University Labs, specifically, heart attacks deceases;
- Allowed me to implement all my knowledge which I have previously gained;
- Also, I learned some basic medical terminology and human body structure. It was valuable experience in terms of both technically and socially;

## KCG (Kazakhstan Computer Graphics)

*Intern (3D modeling, visualization and animation)*

Almaty, Kazakhstan

*January 2012 — April 2012*

- Before the internship, people from KCG provided a group of students with 3 month accelerated courses in 3Ds Max Studio. Afterwards, few students were given a chance to have an internship at KCG. During the internship, I excelled my skills in using 3Ds Max Studio and Motion Builder;
- Working with professionals I learned how important is to meet deadlines and I have good quality product;
- All the knowledges that I have acquired at KCG helped me to understand what I am most passionate about, which is Computer Graphics and Digital Media Content;

## SKILLS

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- **Languages:** Fluent in English, Russian, and Native in Kazakh
- **Proficient:** High proficiency in Go Lang Python, Java, SQL
- **Tools:** VS Code, PyCharm, Android Studio, Unity 3D, 3Ds Max Studio, MotionBuilder(Basics)
- **Frameworks:** Tensorflow, Keras, PyTorch, Spacy, Sckit-learn, NumPy, Pandas
- **Hobbies:** Keen interest in space exploration, contributing to several open-source projects in this domain. Avid soccer player and chess enthusiast, participating in local leagues and tournaments. Passion for 3D/2D modeling and painting, Video Games.