Samagan Nurdinov

techsamagan@gmail.com / 832-435-4062 / [GitHub](#) / [LinkedIn](#) / [Portfolio Website](#)

Skills

Programming Languages	C/C++, Java, Python, JavaScript, SQL
Data Science & AI	PyTorch, TensorFlow, Deep Learning, Machine Learning, Computer Vision, Keras, Scikit-learn, OpenCV, Pandas, NumPy, Matplotlib
Front End	HTML, CSS, React
Back End	Django, Flask, FastAPI, Rest API, SQL Server, MongoDB
DevOps & Tools	Docker, Git, GitHub, CI/CD, AWS, Google Cloud
Other	OOP, Linux, Jupyter, Streamlit

Projects

Rain Prediction
Developed a rainfall prediction model using historical data. Applied Python, Pandas, NumPy, and machine learning algorithms including Linear Regression, KNN, Decision Trees, Logistic Regression, and SVM.

Stock Prediction
Predicted stock trends using Streamlit, historical data, and Prophet for up to 4 years, with interactive charts.

E-commerce for Arts
Created a full-stack web app using Django, HTML & CSS, and JavaScript, including an integrated payment method.

Visualizing the Space Race
Developed multi-line charts with Matplotlib, and created Pie, Donut, Grouped Bar Charts, and Box Plots with Plotly.

Police Deaths Analysis
Analyzed deaths involving police in the U.S. using data cleaning techniques and created visualizations with Plotly, including Pie, Donut, Grouped Bar Charts, and Box Plots.

Games
Developed various Python-based games using Tkinter, Pygame, and Turtle. Projects include: **Turtle Game**, **Pong Game**, **Snake Game**, **Alien Invasion Game**

Education

North American University, 90% merit-based scholarship **Jan 2024 - Jun 2026**
B.E. in Computer Science and Software Engineering, **GPA:3.77/4**
Relevant Coursework: Introduction to CS - Python, Object Oriented Programming, Computer Literacy, Discrete Math, Operating Systems, Computer Networks, Statistics, Programming Languages, Database System

Work Experience

Kyrgyz State Technical University, Bishkek Sep 2022 - Jan 2023
Computer Lab Assistant
Managed the computer lab, provided technical support to students and faculty, and resolved hardware/software issues. Used Bash Linux for system management and automation. Gained experience in managing Windows Server, including user accounts and security policies.

North American University Houston, TX, USA Jan 2024 -
ACM Club Member
• Leveraged Salesforce combining people skills with tech expertise for process automation, QA, and data analysis.
• Increased process efficiency by 30%, improving the admissions experience using automation scripts for WhatsApp Web, and LLMs for automatic replies. • Automated the creation of HR reports using Python, Excel, reducing the process time by 70%.

Courses

Introduction to Artificial Intelligence with Python | Introduction to Data Science with Python | 100 days of code in Python | Django Web Framework | Introduction to Back-End Development | Introduction to Databases for Back-End Development | Programming in Python | Version Control | Introduction to Cyber Security Path | Pre Security Path | Computer Network

Awards & Achievements

• Participant International Zhautykov Olympiad in Physics • TOP 3% - Final National Examination (2022) • TOP 3 - National Physics Olympiad (2022) among 5000 students. • TOP 3 - National Physics Olympiad (2021) among 5000 students. •TOP 1 - Regional Physics Olympiad (2022) among 400 students