



Ismayil Ismayilzada

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in <https://www.linkedin.com/in/isi-atash-523266209/> 🌐 <https://github.com/Isi-Atash>

Education

2018 – 2022 Baku, Azerbaijan	Bachelor of Information Technology, Azerbaijan State Oil and Industry Univers
2022 – present Budapest, Hungary	Master of Computer Science Engineering, <i>Budapest University of Technology and Economics</i>

Languages

Azerbaijani	English	Turkish
Native	IELTS 8.0	B2

Professional Experience

2017 – 2021 Smgayit, Azerbaijan	Helpdesk, CompServis This includes troubleshooting hardware and software issues, managing user accounts and permissions, and ensuring that all technical issues are resolved in a timely and professional manner.
2021 – 2021 Baku, Azerbaijan	Junior Software Developer, TuranBank OJSC Development of new software modules for Core Banking Systems Working with and making changes to the Legacy code. Creating views, functions and stored procedures Writing optimized SQL queries for integration with other applications
2022 – 2022 Baku, Azerbaijan	Java intern, Agricultural Economics Rsearch Center 📄 I was to be expected to work on multiple projects simultaneously, which required me to manage my time effectively and prioritize tasks accordingly. I was also responsible for writing clear and concise documentation for the code I developed, ensuring that it could be easily maintained and understood by other members of the team.
2022 – 2022 Baku, Azerbaijan	Research Intern, Azerbaijan National Aerospace Agency Using remote sensing in GIS, Development of Digital. Elevation Model (DEM) in the case of Absheron city. Relief description methods and surface interpolation on the map (in the example of the city of Absheron)

Skills

Python



Django, NumPy, Pandas, Scikit-learn, Matplotlib, TensorFlow, OpenCV

C#



.NET, ASP.NET, .NET Core, REST API, WinForms, WPF, XAML, Entity Framework

Software Development Tools



Jupyter Notebook, PyCharm, Google Colab, Visual Studio Code, Visual Studio

Database Management



SQL, MySQL, MsSql, PostgreSQL, PL/SQL, Oracle Database 12c, DataGrip, Toad for Oracle, Navigator

Agile Methodology

Experience working in agile teams, being a Scrum Master and Developer

Testing and Debugging



Automation Testing, xUnit.net, Visual Studio Debugger

Object-Oriented Programming



Problem Solving and Communication



CI/CD tools



Git, GitHub, GitLab, Team Foundation Server, Jira, Trello, Meistertask, Travis

Programming languages*



VBA, Java, Matlab, OpenCL

Projects

2021 – 2021

image to ASCII converter [↗](#)

I want to create software that makes ASCII art. This is mainly done because of boredom, and ASCII art looks interesting. For now, I have been able to convert images to ASCII, but I am planning to make such that, in the end, it will be possible to convert whole videos and movies too.

2021 – 2022

Express bank money transfer systems [↗](#)

This project aims to have online and digital money transfers between different branches of the bank. This makes it easier to edit and modify all kinds of information and contracts via core banking system for the internal employees

2021 – 2022

Research on the application of big data technologies in the transport sector (Thesis), *Big data, database, IoT, AI, transportation, logistics* [↗](#)

This paper discusses some of the unsolved problems associated with big data technologies.

2022 – 2023

Pre trained Speaker recognition embedding models for disorder speech classifications, *Machine Learning, x-vector, ECAPA, ensemble learning, SVM, SVR, Boosting, Bagging* [↗](#)

This project aims to investigate the binary classification of voice disorders using speaker verification embedding models.

2023 – present

Security of Machine learning based Malware Detection

Adversarial examples are maliciously modified program code where the modification is hard to detect yet the prediction of the model on this slightly modified code is very different compared to the unmodified code. My job is to develop solutions to detect adversarial examples, develop robust training algorithms for malware detection, or design backdoor attacks.