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Hamburg, Germany  
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# Imran Ibrahimli

GitHub: iibrahimli  
LinkedIn: iibrahimli

## SKILLS

<b>Tools and Technologies</b>	Python, C, C++, Docker, Terraform, Kubernetes, ROS, PyTorch, TensorFlow, Git, FastAPI
<b>Communication</b>	Azerbaijani (native), Russian (native), English (fluent), French (basic), German (basic)

## EXPERIENCE

<b>Software Engineer (Working Student)</b> <i>Merantix Momentum</i>	<b>Feb 2023 — Present</b> <i>Berlin, Germany</i>
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- Migrated CI pipelines from Google CloudBuild to GitHub Actions, easing developer workflow
- Deployed infrastructure and supported client projects
- *Tech stack:* Python, Docker, Kubernetes, Terraform, GCP

<b>Research Engineer Intern</b> <i>Nuance (a Microsoft company)</i>	<b>Jul 2022 — Sep 2022</b> <i>Aachen, Germany</i>
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- Migrated recognition workflows (Docker containers and library code) to run on AzureML platform
- Contributed bug fixes and new features to an internal orchestration framework
- *Tech stack:* Python, Docker, AzureML, MLflow, internal tools

<b>Machine Learning Engineer / Founding Team Member</b> <i>WeType Inc.</i>	<b>Aug 2020 — Nov 2021</b> <i>Baku, Azerbaijan</i>
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- Developed NLP functionality - grammar correction, spelling check, text summarization, and essay grading
- Deployed Transformer models (BERT and GPT) trained on custom datasets
- *Tech stack:* Python, PyTorch, spaCy, HuggingFace Transformers, FastAPI, Docker, Terraform, AWS

<b>Machine Learning Engineer</b> <i>Space Agency of the Republic of Azerbaijan (Azercosmos)</i>	<b>Feb 2020 — Aug 2021</b> <i>Baku, Azerbaijan</i>
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- Trained and deployed deep learning models that achieve 94% accuracy and 0.85 F1 score on satellite imagery segmentation
- Supervised and mentored 4 interns, 1 of whom got an offer for MLE role at the company
- *Tech stack:* Python, TensorFlow, Keras, Rasterio, GeoPandas, Shapely, Docker, QGIS

<b>Research Intern</b> <i>Space Agency of the Republic of Azerbaijan (Azercosmos)</i>	<b>Jul 2019 — Sep 2019</b> <i>Baku, Azerbaijan</i>
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- Implemented SVM, random forest, and CNN models for greenhouse segmentation on satellite imagery
- *Tech stack:* Python, Scikit-Learn, Scikit-Image, TensorFlow, Keras, Rasterio, GeoPandas, Shapely

## EDUCATION

<b>M.Sc. Intelligent Adaptive Systems @ University of Hamburg</b>	<b>Oct 2021 - Oct 2024 (expected)</b>
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- Fully funded by the DAAD Scholarship
- *Coursework:* Computer Vision 1 & 2, Statistical Signal Processing, Intelligent Robotics, Neural Networks, Software Architecture

<b>B.Sc. Computer Science @ University of Strasbourg</b>	<b>Sep 2016 - Aug 2020</b>
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- *cGPA:* 16.3 / 20 (mention très bien)

## PUBLICATIONS

<b>Greenhouse Segmentation on High-Resolution Optical Satellite Imagery using Deep Learning Techniques</b> Pre-print: <a href="https://arxiv.org/abs/2007.11222">https://arxiv.org/abs/2007.11222</a>	<b>Jul 2020</b>
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## ACTIVITIES

<b>1st Place in CTF Azerbaijan 2019</b>	<b>Dec 2019</b>
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In a team of three (n0\_pwn1c) solved challenges in web exploitation, cryptography, binary exploitation, reverse engineering.

<b>Regional 1st Place in Google Hash Code 2019</b>	<b>Feb 2019</b>
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Achieved the highest score in Azerbaijan for an optimization problem using heuristics-based algorithms during the Online Round.