

# AURIMAS NAUSĖDAS

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## EDUCATION

MULTIPLE UNIVERSITIES | DATABRICKS | AZURE | GCP | AWS

2021 – 2024

Specializations & Certifications in Computer Science & Artificial Intelligence (AI)

UNIVERSITY OF EDINBURGH

Class of 2015

Master of Science with Honors in Chemistry (MChem)

Recognitions: Top student in Organic Chemistry (2012-2013), President (2014 - 2015)

## HARD SKILLS

ML & AI TOOLS: TensorFlow, PyTorch, Hugging Face, LangChain, Spark, Databricks, Keras, Scikit-learn.

MLOPS & DEVOPS: Vertex AI, Google Cloud Build, Terraform, Kubernetes, Docker, Kafka, Airflow, Airbyte.

DATABASE MANAGEMENT: SQL, DBT, Redshift, Snowflake, BigQuery, Azure Synapse, REST API.

WEB DEVELOPMENT: Flask, Django, JavaScript. VERSION CONTROL: Git, GitHub, GitLab.

PROGRAMMING LANGUAGES: Python, R, Java. STATISTICS: SPSS, Stata.

CLOUD TECHNOLOGIES: Azure, AWS, GCP. BI TOOLS: Power BI, Tableau.

IMAGE TOOLS: Midjourney, BeFunky. ASSISTANCE TOOLS: Scholar AI, DeepL.

VIDEO TOOLS: Adobe Creative Cloud (Adobe Premiere Pro, Photoshop, Audition, Framework), Synthesia & Invideo AI.

## SOFT SKILLS

LEADERSHIP, COMPASSION, LISTENING, EMPATHY, TEAM PLAYER, DISCIPLINE, CREATIVITY, DISCIPLINE, AMBITION.

## WRITING & VOLUNTEERING EXPERIENCE

SELF-EMPLOYED

2010 – present

WRITER | FREELANCE WRITER

- Over 15 years of experience. Various projects. Created 75 texts that enhanced creativity and strategic documents.
- Crafted 317 reports, overviews, literature & reviews that enable writing technical and artistic reports.

UNITED NATIONS, MALTIEČIŲ SRIUBA & 22 BENDRA BŪTIS

2024 – present

VOLUNTEER

- Help with fraud systems through building AI applications. Construct furniture and ease the lives of elders and the disabled.
- Teach students life lessons from challenging backgrounds to live entirely devoted.

SELF-EMPLOYED

2021 – 2024

DEVELOPER, ML ENGINEER, & AI ARCHITECT | FREELANCE

- End-to-end: AI algorithms with data intuition to development to execution & communication.
- Specialized in LLM fine-tuning, model training, monitoring, prompt engineering, *Hugging Face* & *LangChain*.
- Automated payment fraud detection systems using Python, Kubernetes, and Terraform. Built multimodal AI Agents.

C&R SOFTWARE

2023

TECHNICAL CONSULTANT

- Utilized AWS cloud services and Python for automating and optimizing databases and workflows
- Improved debt collection solutions, focusing on ETL processes and data quality governance & employed AWS for scalability.

LATVIAN COMMUNICATIONS AND INFORMATION TECHNOLOGIES ASSOCIATION (LIKTA)

2023

TEACHER

- Taught on AI: Introduction to AI and Python (Advanced). Delivered lectures, fostering a deep understanding of concepts.

CODE ACADEMY

2022 – 2023

LECTURER

- Lectured on AI concepts followed by Python & kept an audience interactively engaged through practical workshops.

EUROMONITOR INTERNATIONAL

2022

DATA ENGINEER

- Scraped by developing JavaScript (JS) robots & collaborated with Data Scientists through GitLab to resolve issues.

VILNIUS UNIVERSITY | INSTITUTE OF BIOTECHNOLOGY

2016 – 2021

RESEARCH ENGINEER (MACHINE LEARNING)

- Analysed scRNA-seq datasets and DNA-protein complexes through Bioinformatics & ML methods by coding in Python.
- Ran scripts and wrote simple programs of DNA-protein interactions using Python and Molecular Dynamics software.

STATE-OF-THE-ART RESEARCH INSTITUTES

2009 – 2016

RESEARCH ENGINEER

- Explored wing displays with MATLAB & Python to identify visual signals related to the female courtship behaviour.
- Calculated cone sensitivities of human photoreceptors utilising Python, Numpy & Matplotlib.

## LANGUAGES

LITHUANIAN - MOTHER TONGUE, ENGLISH - C2, FRENCH - A1, RUSSIAN - A1.