

# Lazar Gugleta

[lazargugleta.com](http://lazargugleta.com)

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## RECENT WORK

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- **NXP / TTTech Auto** Vienna, Austria  
*Product Owner - Data Science* December 2024 – Present
    - **Merger Leadership:** Led a cross-functional team through the merger, defining integration strategies for BI solutions and ensuring stakeholder alignment.
    - **Data Strategy:** Established data-driven workflows in the new environment to enhance operational efficiency.
  - **Data Scientist** May 2023 – Present
    - **ETL Optimization:** Engineered improvements for a large-scale ETL system within the Automotive industry.
    - **Business Intelligence:** Focused on improving company KPIs through data-driven goal setting and analytics.
  - **Shopreme** Graz, Austria  
*Data Scientist* Nov 2020 - Sept 2021
    - Improved the company's product and boosted sales by creating a custom **Recommender Engine** for the customer in-store flow.
  - **Google Developers Student Clubs** Graz, Austria  
*Community Lead | Mentor* July 2021 - January 2024
    - Led a community of **200+ students**, organizing **20+ annual events** like workshops and hackathons.
    - Ensured long-term sustainability of the club by mentoring the next generation of Community Leads.
  - **Technical University of Graz** Graz, Austria  
*Teaching Assistant* July 2019 - May 2023
    - **Transferred knowledge** to **600 students** by hosting lectures and live demos of modern Software Engineering, Algorithms and Data Structures in multiple programming languages (Java, Python etc.)

## EDUCATION

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- **Technical University of Graz** Graz, Austria  
*Master's Degree Program Computer Science*
    - Data Science major and Machine Learning minor. Master Thesis: Visual Food Characteristics That Influence Attractiveness.
  - **Technical University of Graz** Graz, Austria  
*Bachelor's Degree Program Computer Science*
    - Coursework including Data Science, Computer Vision, and Web Programming.

## SKILLS

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- **Languages:** Python, Rust, SQL, R, Java, C, C++, C#, MATLAB, JavaScript
  - **Technologies:** Polars, Pandas, Spark, Tableau, Power BI, scikit-learn, Tensorflow, PyTorch, OpenCV, Docker, Kubernetes, Cloud (AWS/Azure), Bazel, Airflow, Arrow, prefect, Spring, Django, Selenium, Git
  - **Other:** Project management, Scrum, Agile, Business Analytics, Product development, Software Engineering, Gen AI

## OPEN SOURCE CONTRIBUTIONS

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- **MongoDB:** Contributing on GitHub open source code for official MongoDB integrations for Apache Arrow.
  - **Statistics Without Borders:** Aggregated data on active non-profits in New York area and collected information on each institute, including size, finances, and location.
  - **LineaPy:** Integrated multiple frameworks (Airflow, Argo, etc.) with the Linea team into their product pipeline. Worked with Kubernetes, Docker and CI/CD pipelines.
  - **Articles:** Reaching hundreds of thousands of people per month on Medium along with the projects that are open-source to use for educational purposes.

## AWARDS

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- **National Hackathon (2nd place):** Built a machine learning application using recommender systems to help students decide their study direction.

## LANGUAGES

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- English (native), German (C1 / FPP), Serbian (native)