

# ROBERT AMARTISOAEI

## Junior Data Analyst | Electrical engineer

+40757485186   robert.amartisoaei@hotmail.com   <https://www.linkedin.com/in/robert-a-lnkdn98/>  
<https://github.com/Robert98A/robert98a.github.io>   Timisoara

## SUMMARY

Data Analyst & Electrical Engineer with 3 years of experience analyzing system performance, validating telecom equipment, and working with large sets of measurement data. Skilled in SQL, R, Tableau, Excel, and data visualization, with a strong foundation in signal analysis, experimental design, and troubleshooting complex systems. Completed the **Google Data Analytics Professional Certificate**, gaining hands-on experience with real-world datasets and analytical workflows. Adept at identifying patterns in technical data, improving testing processes, and providing actionable insights to support engineering and business decisions.

## EXPERIENCE

### Systems Test Technician

#### Flex

2022 - Present   Timisoara

- Collected, processed, and analyzed temperature, signal power, and performance data across 300+ telecom test cycles to assess system stability.
- Performed root-cause analysis on network issues using Optical Network Testers and Analyzers, identifying failure patterns that reduced retest time by ~15%.
- Monitored and interpreted network traffic to validate data flow integrity and documented anomalies for engineering teams.
- Executed controlled experiments in climate chambers (-40°C to 65°C) and interpreted measurement trends to evaluate equipment behavior.
- Resolved software compatibility/performance issues and improved monitoring accuracy through Falcon FST and diagnostic tools.
- Conducted security testing on network interfaces and summarized findings to support QA processes.

### Sales Assistant

#### Flanco Romania

2022 - 2022   Timisoara

- Advised 50+ customers daily using strong product knowledge in IT&C, increasing conversion rates by 15%.
- Used inventory systems to manage transactions and stock, ensuring efficient, accurate service.
- Contributed to 10-20% monthly sales growth by meeting individual targets, upselling accessories and supporting in-store promotions.

## EDUCATION

### Data Analytics Certificate

#### Coursera

2025 - 2025   Timisoara

- Completed end-to-end data analytics workflow training: data cleaning, analysis, visualization, SQL, R, spreadsheets.
- Gained experience with real-world datasets and business-oriented problem solving.

## SKILLS

### Data & Analytics

SQL	R	Tableau
Spreadsheets/Excel	Data visualization	
Statistical Analysis	Data Analysis	
Report Generation	Data Management	
Data cleaning	Attention to detail	

### Bachelor skills

Signal processing	Embedded Systems
PCB Design	
Telecommunications Systems	
Control and automation	
Microelectronics	

### Programming & Tools

RStudio	BigQuery	Tableau Public
Excel		

### Soft skills

Analytical thinking	Communication
Problem-solving	Teamwork
Attention to detail	

# PROJECTS

---

## Design and Study of a Particle Accelerator Model

🔗 [https://drive.google.com/drive/folders/1-JbBFQUcZ5zlwMz1\\_moV4C3ionXzXrdO?usp=drive\\_link](https://drive.google.com/drive/folders/1-JbBFQUcZ5zlwMz1_moV4C3ionXzXrdO?usp=drive_link)

Bachelor Thesis:

- Designed the circuit using 3D printing for components and supports, including amplifiers and power supplies.
- Applied magnetism to guide particles with permanent magnets and electromagnets, simulating circular trajectories.
- 3D printed precise parts for particle guides and supports, testing prototypes for adjustments.
- Simulated particle behavior under electric and magnetic fields, optimizing parameters through experimental testing.