

Dragoș-Ștefan DEAC – Bucharest, Romania

## SKILLS

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Languages: C++, Python (scikit-learn, SciPy, TensorFlow), Django, Bash.

Technologies: Git, AWS (S3, Route53, Lambda), Postman, Locust.

Databases: MySQL, MongoDB.

Web Technologies: HTML, CSS, JavaScript.

## EDUCATION, CERTIFICATIONS AND QUALIFICATIONS

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**Faculty of Automatic Control and Computer Science - POLITEHNICA University of Bucharest – Artificial Intelligence – Master's Degree (2024 - 2026)**

- Courses: Computer Vision, Introduction to Big Data, Neural Networks

**Faculty of Electronics, Telecommunications and Information Technology - POLITEHNICA University of Bucharest – Computers & Information Technology – B.E. (2020 - 2024)**

- Courses: Computer Programming, Data Structures & Algorithms, OOP, Microchip Programming, Databasis Architecture, Calculus, Statistics, Probabilities.

### Courses and Certifications

- **Foundations: Data, Data, Everywhere** - authorized by **Google**, offered through Coursera. This course allowed me to gain skills such as DataAnalysis, SQL, Data Visualization and Data Cleansing (December 2024)

## WORK EXPERIENCE

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**Network Support Engineer – Huawei (December 2023 – Oct 2024)**

- Improved my debugging skills by resolving network-related issues for enterprise customers, ensuring adherence to internal procedures and maintaining excellent communication, while positively contributing to achieving both the individual and team KPI's. I achieved a personal customer satisfaction score of 5/5 in over 200 service requests.

**Quantitative Risk Analyst Intern – LSEG (July 2023 – September 2023)**

- **Insider Filings** model validation under StarMine by Refinitiv – Achieved creating a complete technical documentation for insider filings model based on SEC filings under StarMine by Refinitiv. Created custom tests and visualized results, showing the model's edge over S&P 500 benchmarks across various timeframes, demonstrating its effectiveness in providing superior investment insights.

**Tourism Specialist – RDP S.R.L. (May 2021 – May 2023)**

- Responsible for administration and creation of company website.
- Managing tourist groups during the summer period.

## PROJECTS

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**Amazon Reviews Sentiment Analysis – Python**

- Leveraged VADER and fine-tuned RoBERTa models to classify sentiment in Amazon reviews. Analysis revealed 75% of negative reviews cited delayed shipping, providing actionable insights for improving logistics. Visuals such as sentiment distribution and key-pharse word clouds helped identify core customer concerns efficiently.

**Hotel Recommendation System – Python (Django), SQLite, HTML, CSS, JS**

- Developed a comprehensive web application using Django for backend, SQLite for data management, and a responsive frontend with HTML, CSS, and JavaScript and implemented efficient CRUD operations for seamless UI/UX.
- Conducted stress testing with Locust, ensuring stability with 47,000+ requests and optimizing server response times, particularly for the login endpoint.
- Integrated Google Maps for accurate location services and personalized recommendations and delivered a high-quality user experience with a fast-loading, intuitive interface