

**Dragoș-Ștefan DEAC**

## EDUCATION AND QUALIFICATIONS

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**Faculty of Electronics, Telecommunications and Information Technology - POLITEHNICA University of Bucharest – Computers & Information Technology (ETTI spec. CTI – UPB)**

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

## WORK EXPERIENCE

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**Network Support Engineer – Huawei** (December 2023 – present)

- I improved my debugging skills by resolving network-related issues and failures for customers, ensuring adherence to internal procedures and maintaining excellent communication. This resulted in a customer satisfaction score of 5/5 in over 200 service requests.

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

- *Insider Filings* model contribution and validation under StarMine by Refinitiv – Implemented and validated an 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 (15% average increase) across various timeframes, demonstrating its effectiveness in providing superior investment insights.

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

- Responsible of administration and creation of company website.
- Managing groups of tourists during the summer.

## PROJECTS

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**Amazon Reviews Sentiment Analysis – Python**

- This project leverages VADER and RoBERTa models to analyze the sentiment of Amazon reviews, providing insights into customer feedback. It combines rule-based and deep learning approaches for a good understanding of review sentiments (contains visuals).

**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 user interaction.
- 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, ensuring reliability and performance across all user touchpoints.

## SKILLS

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**Languages:** C++, Python (Django), Bash.

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

**Databases:** MySQL, MongoDB.

**Web Technologies:** HTML, CSS, JavaScript.

## LANGUAGES

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**Romanian**(Native), **English** (Proficient – Cambridge C1), **German**(Beginner)