

## CONTACTS

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Bucharest, Romania, New York,  
NY, UK

# BALASESCU EUSEBIU-RARES

## QUANTITATIVE RESEARCHER

## KEY ACHIEVEMENTS

### Enhanced Efficiency

Improved data processing efficiency by 25% through Python tool development.

### Automated Processes

Reduced manual workload by 40% with the implementation of RPA technology.

### Gained Recognition

Achieved 2nd place at Romanian FTC Championship with autonomous robots.

### React App Development

Contributed to a React-based mobile app with Supabase, boosting user retention by 15%.

## LANGUAGES

ROMANIAN Native ●●●●●

ENGLISH Proficient ●●●●●

RUSSIAN Beginner ●●●●●

## SKILLS

Java · Python · React · SQL ·

Data Structures

## EXPERIENCE

### SoulStream Ai

Bucharest, Romania

06/2025 - 07/2025

- Developed mobile applications using React, SQL, Supabase, and Firebase, implementing features and optimizing backend performance
- Created and managed AI-generated video content for marketing campaigns, enhancing user engagement and brand visibility.
- Collaborated with cross-functional teams to integrate app functionalities with marketing strategies

### UniApply

Bucharest, Romania

2021 - 2023

#### Programming Intern

- Developed Python-based tools and managed SQL databases to streamline university application processes for a Romanian IT startup, enhancing data processing efficiency
- Implemented Robotic Process Automation (RPA) to automate repetitive tasks, reducing manual workload
- Analyzed application data to identify trends, supporting strategic partnership decisions

### Sarmis Capital

Bucharest, Romania

06/2022 - 08/2022

#### Private Equity Intern

- Built a business analysis software tool for Romania's largest private equity fund, improving portfolio evaluation under junior partners' guidance
- Conducted market and financial data analysis to inform investment strategies, presenting insights in board meetings
- Developed stakeholder communication skills, applicable to partnership coordination

### Quantum Robotics

Bucharest, Romania

2019 - 2023

#### Programmer

- Programmed autonomous robots in Java for international FTC competitions, earning awards at Maryland Tech Invitational and Romanian FTC Championship
- Analyzed performance data to optimize algorithms, demonstrating technical and problem-solving skills

## EDUCATION

### Columbia University

New York, NY

#### Bachelor of Science

09/2022 - 05/2027

- Gpa: 3.79/4.00
- Relevant Coursework: Multivariable Calculus for Engineers (A), Advanced Optimization(A-), Data Engineering(A+)
- Probability For Engineers (A), Data Structures in Java (A), Discrete Mathematics (A+)
- Dean's List Fall 2023-Spring 2025