Ruslan El-Rabayah

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Education:

University of Birmingham **Birmingham, UK**

Birmingham, UK
Sep 2021 - July 2024
Sep 2025 - July 2027

MSc in Financial Management. Merit scholarship.
BSc in Computer Science and Artificial Intelligence. First-class degree, with 4.25 GPA.
Provost Academic Scholar.

Australian International School
Sharjah, UAE
Sep 2007 - May 2021

International Baccalaureate curriculum, 44/45 scoring in the top 4.37% globally.

Experience:

Polygreen Environmental Company
Dubai, UAE
Digitization Lead & Project Strategy Specialist
July 2024 - Present

- Spearheaded the development and execution of digitization strategies for circular economy projects across the UAE, focused on operational efficiency and traceability.
- Built financial models, cash flow projections, and pricing scenarios for new initiatives, enabling data-driven decision-making and unlocking potential ROI opportunities.
- Directly contributed to strategic corporate buyouts and investment recommendations; both in acquisition of assets (inventory and machinery) and strategic purchases of companies.
- Led integration of agile practices into development workflows across the internal team, playing a leading role in project management of digitization tasks.
- Led a cross-functional team of 6 across tech, ops, and product functions to deliver digital infrastructure for sustainability initiatives in partnership with Aldar Sustainability.
- Acted as the key liaison between internal teams and high-level stakeholders, aligning project roadmaps with corporate ESG priorities and compliance requirements.
- Contributed to long-term strategic planning by synthesizing market insights, technical feasibility, and budget constraints into actionable recommendations.

Data Analyst & Research Intern
July 2023 - Oct 2023

- Conducted exploratory data analysis and built custom forecasting models to extract insights from environmental hardware data, supporting real-time monitoring and decision-making.
- Identified inefficiencies in the company's waste logistics systems, and proposed data-driven optimization strategies.

University of Birmingham
Dubai, UAE
Combinatorial Optimization Undergraduate Research
October 2023 - May 2024

- Independently designed and implemented a novel metaheuristic algorithm inspired by ant colony optimization, tailored to solve NP-hard routing problems in logistics and transportation.
- Applied the system to simulated datasets representing traveler and vehicle routing tasks, achieving measurable improvements in efficiency over baseline methods. Engineered the full solution stack from scratch, including data preprocessing, algorithm design, evaluation metrics, and visualization of results.

Skills & Interests:

Technical Skills: Project Management · Data Analysis · Machine Learning · Financial Planning
Languages: Fluent in English and Russian · Professional Working Proficiency in Arabic
Personal Interests: Avid writer · Chess player · Gym Goer