

ISIDORA GAJIC

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Scheller College of Business

Atlanta, GA

Master of Science in Quantitative and Computational Finance

August 2024 – December 2025

- GPA: N/A
- Key Coursework: Quantitative Portfolio Trading and Management, Asset Pricing Theory, Risk and Return Analysis, AI for Finance, C++ for Financial Modeling, Machine Learning, Stochastic Calculus, Derivative and Fixed Income Securities

UNIVERSITY OF FLORIDA, Warrington College of Business

Gainesville, FL

Bachelor of Science in Business Administration

May 2024

- GPA: 3.93
- Key Coursework: Data Manipulation and Analysis, Data Visualization, Statistical Analysis, Economic Theory and Modeling, Financial Analysis and Reporting, Predictive Modeling, Market Analysis and Strategic Planning, Business Law

EXPERIENCE

RODA GRUPA

Belgrade, Serbia

Project Manager

February 2023 – July 2024

Roda Grupa is a leading real estate development company specializing in high-end residential and commercial projects.

- Managed multiple 20-person teams of in-house and outsourced personnel.
- Delivered two high-profile real estate projects ahead of schedule and under budget, improving client satisfaction.
- Directed development of 16,000 sq ft luxury villa, exceeding quality standards and enhancing company reputation.
- Converted 12,500 sq ft segment within 60,000 sq ft complex into five high-end apartments, achieving 10% cost savings.
- Designed financial forecast models, enhancing project delivery efficiency and exceeding financial performance by 15%.

PROVIDUS

Belgrade, Serbia

Project Manager

June 2022 – February 2023

Providus is a technology solutions provider specializing in cloud and DevOps services for businesses.

- Supervised 15-person cloud and DevOps team, overseeing multiple projects to ensure quality and on-budget delivery.
- Negotiated a multi-million dollar contract with a leading media company, contributing to 50% of annual revenue.
- Conducted workforce analysis and reorganized shift schedules, boosting operational efficiency by 20%.
- Improved team productivity by 15% through process optimization and effective pipeline management.

RODA PACKAGING

Belgrade, Serbia

Sales Manager

December 2021 – June 2022

Roda Packaging is a manufacturer and distributor of eco-friendly packaging solutions, including paper straws.

- Led a 5-person sales team, increasing monthly sales from 10–20 MM to 50 MM units and achieving 200% revenue growth.
- Acquired major clients such as McDonald's, KFC, Five Guys, and Starbucks, significantly expanding market share.
- Optimized sales strategies and production planning, improving process efficiency and competitive pricing results by 20%.

PROJECTS

Option Pricing Using Black-Scholes-Merton and Binomial Models

September 2024

- Developed C++ application to price European options using Black-Scholes-Merton and binomial lattice methods.
- Implemented modular classes for option parameters and pricing models, enhancing code reusability and maintainability.
- Validated pricing accuracy through unit tests, ensuring consistency between analytical and numerical methods.

Estimating Neural Beta Using Multilayer Perceptron

September 2024

- Developed a neural network in PyTorch to estimate stock betas, incorporating Fama-French factors for enhanced accuracy.
- Optimized model by hyper-parameter tuning and feature engineering using rolling window statistics over financial data.
- Analyzed beta estimations across industries over time, providing insights for risk assessment and portfolio management.

Predicting Operational Risk Using NLP

October 2024

- Employed NLP to extract cybersecurity risk disclosures from SEC 10-K filings and created quantitative risk measure.
- Conducted descriptive and portfolio analyses to examine industry trends and the impact of cybersecurity risk on returns.
- Analyzed the relationship between cybersecurity risk disclosures and market performance, offering insights for investors.

SKILLS

Programming: Python

Technical tools: Tableau, JMP, Excel

Certifications: CFI Accounting Fundamentals, CFI Corporate Finance Fundamentals, CFI Excel Fundamentals

INTERESTS

Interests: Bodybuilding

Affiliations: Trading at Georgia Tech, QCF Women in Finance