

# IGOR JOVANOVIĆ

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## Qualifications

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- Strong programming skills in VBA (Excel), Access, Stata, Python
- MSc of Finance graduate highly motivated to specialize in quantitative trading/risk management
- Ability to stay focused for a long time, based on 3 months full-time position in a bank combined with writing master thesis
- Focus, continuity, and consistency – 40 exams passed in sequence without an insufficient grade
- Familiarity with Datastream data source for equities and bonds analysis

## Education

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### Vrije Universiteit

MSc of Finance

Amsterdam

Sept. 2016 – July 2017

- Relevant courses: Empirical Finance, Asset Pricing, Derivatives, Institutional Investments and Asset Liability Management, Financial Markets and Institutions
- Thesis topic "[Dynamic Models for Dutch Stocks Market Liquidity Forecasting](#)", supervisor [Andre Lucas](#) – reference on the demand.
- Co-author of the article "[The Art of Transformation: Will Banks Keep Up?](#)" published by the University on the official research blog.

### University of Belgrade, Faculty of Economics

BSc Hons. Finance, banking and insurance

Serbia

Sept. 2012 – June 2016

- Relevant courses: Statistics, Investments, Banking, Financial and Actuarial Mathematics, Economic and Mathematical Models
- The best student scholarship award by fund "Dositeja"
- Among the top 5% of the best students with an average grade 9.18/10
- Course completed 4 months before an official end of academic year
- Participated in a trading competition and won monetary reward based on the best trading results among group of 20 selected students.

### High School of Economics and Trade of Krusevac

Business Administrator

Serbia

Sept. 2008 – June. 2012

- Relevant courses: Statistics, Mathematics, Informatics
- Maximum grade on the matura exam (high-school exit exam)

## Experience

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### ABN AMRO

TCF Data Scientist

Rotterdam, Holland

April 2017 – Present

- Large data sets manipulations through VBA
- Construction of automated Excel/VBA/Access tools needed for reporting
- Trend Analysis VBA program capable of analyzing clients
- DNB survey with dynamic reporting (Word VBA + Access + User forms) internationally used

### Freelancer at Fiverr.Com

Web designer and developer

June 2008 – Present

- Programmed and developed hundreds of different website across various web platforms
- 688 positive reviews from international clients available at <https://www.fiverr.com/igordr>
- Average 5/5 stars rating

Worked in a group of five on a preparation of the complex DCF models, drafting the evaluation reports and business risk analysis. During my internship, I was responsible for a plant-expansion project of the largest bottled water producer in Serbia – “Knjaz Milos”. This resulted in an increase of the producer’s market share to 48% (from 40%) in Serbian market.

## Skills

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- IT Skills: **Advanced skills in VBA** (Excel) – ability to write macros, functions for data analysis purposes; simulations and financial markets data familiarity; construction of dynamic dashboards for smart - one-click - reporting. **Access** and Excel integration through VBA with possibility of user forms in both programs; data structuring via Access; SQL queries embedded in dynamic Access report; reports design. Familiarity with **STATA** software, ability to write loops, combine data from multiple sources (merging, splitting, appending), understanding of statistical models. **Python** knowledge orientated to statistical/quantitative application – ability to write pairs trading algorithm, familiarity with numpy, pandas, statsmodels and other packages. Quantopian.Com markup familiarity. **Web-based programming languages:** php (basics), javascript (basics), HTML (proficient), CSS (proficient). **Other platforms:** WordPress (proficient), IBM Connections + Lotus Notes. **Date sources:** Familiar with gathering/analyzing/manipulating Datastream data.

## Extracurricular activities

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- Conference and workshop on machine learning and AI held by GOOGLE (November 2017)
- First monetary prize (among 30 participants selected by top GPA score criterion) in order book based trading exercise (June 2016)
- First prize, International Economic Student Summit 2015 (October 2015)  
Case Study „Youth Friendly Banking Products“, sponsored by Vojvođanska Banka (National Bank of Greece)
- Seventh place of 50 teams, Ernst & Young (Dec 2014)  
Case Study: „Learn Today Lead Tomorrow“
- First place, Professional Competition (April 2014)  
„How to initiate Serbian Economy“, Faculty of Economics University of Belgrade
- CEO Conference (November 2015)  
Faculty of Economics University of Belgrade
- Student Parliament (2011-2012)

## Languages

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- Mother tongue: Serbian (understand also Croatian, Bosnian), English (Proficient - TOEFL iBT test score 98/120 – Date: Nov. 2015), Dutch (Newbie), German (Beginner)

## Interest and activities

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- Half-marathons (the best time 01:50:52) and mountain running
- Played soccer for the best local football club – FK Napredak (2003-2010)
- Three years of intensive karate training
- Red Cross blood donor and a member of Association of emergency situations (floods, etc.)



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