

Georgii Zvonka

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EDUCATION

- 2020 – 2025 **Swiss Finance Institute**, Lausanne
Ph.D. in Finance in HEC Lausanne
Research Focus: Textual Analysis, Asset Pricing, Cryptocurrency
- Research Assistant: AI & Digital Economy lab
 - Teacher Assistant: Fixed Income and Credit Risk; Derivatives; Financial Analysis, Quantitative Risk and Asset Management; Mathematics for Economists
- 2017 – 2019 **New Economic School**, Moscow
Master of Arts in Economics
- Certificate of merit for an excellent thesis, reviewed by [Alberte Kyle](#) (review available upon request)
 - Teacher Assistant: Market Microstructure; Current Topics in Financial Markets
- 2013 – 2017 **Higher School of Economics**, Moscow
Bachelor's degree in economics, Faculty of Economic Sciences, Research Flow
- Teacher Assistant: Econometrics
 - [Bachelor thesis](#) was the first to estimate volume of RAMP (2017) and cited [here](#) (2023)

WORK EXPERIENCE

- June 2023 – **Unigestion**, Geneva
June 2024 *Research Affiliate in Equities Team, freelance*
- Worked independently with proprietary data to establish explanations for empirical artefacts in asset pricing literature. Applying Dask to parallelize computations with large data. Conducting portfolio sorts and econometric analysis.
- Dec 2019 – **Stanford Graduate School of Business**
Aug 2020 *Research Assistant to prof. Ilya Strebulaev; full-time remote employment, paid by Stanford University*
- Extracting publicly available data from LinkedIn with crawling and scraping technics to enrich the large database of entrepreneurs. Each LinkedIn profile was validated using **machine learning** models trained on manually curated datasets. This initiative led to a tenfold increase in the volume of high-accuracy data available, saving several months of manual labor. The quality of machine learning algorithm was audited by another research assistant, who estimated the accuracy rate as 99%. Utilized Python libraries such as **scikit-learn**, **XGBoost**, employing parallel web requests and external proxy services to maximize processing speed. **Learning feature engineering** using Python's regular expressions language and BeautifulSoup.
- Sep 2019 – **Russian Academy of National Economy and Public Administration**, Moscow
Dec 2019 *Junior Researcher in the Laboratory of Infrastructural and Spatial Research*

SKILLS

- Language:**
- Russian (native), English (fluent), French (beginner)
- Computer skills:**
- Python (optimization, visualization, data science, econometrics, web scraping, machine learning, Telegram Bots), R, Stata, Excel, MATLAB, LaTeX, PostgreSQL
- Other:**
- Econometrics, Data Science, Statistics, Economics, Game Theory, Machine Learning, Math (GRE Subject Math: 660 in 2016)

WORKING PAPERS

- [Tokenization: A Potential Pathway for Bitcoin's Future](#)
- Lead-Lag effects decomposition using News Data, available upon request

CONFERENCES

- 2023: CEQURA conference, Munich, with "Tokenization: A Potential Pathway for Bitcoin's Future"
- 2024: Economics of Financial Technology Conference, Edinburgh, with "Tokenization: A Potential Pathway for Bitcoin's Future"
- 2024: Cryptocurrency Research Conference, Dubai, with: "Tokenization: A Potential Pathway for Bitcoin's Future"

AWARDS

- 2023: Best Junior Paper Award, the 14th CEQURA conference, Munich
- 2013: Winner of an Economic Olympiad "Vysshaja Proba", organized by Higher School of Economics. This award grants full coverage of tuition for 4 years of studying at Higher School of Economics