

MAREK ZATWARNICKI

CRYPTOCURRENCY / SYSTEM ANALYST

CONTACT

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PERSONAL SKILLS

- Excellent communication skills,
- Ability to work in team,
- Very good contact with people,
- Creative, diligent, timeliness,
- Curious to gain new skills.

TECHNICAL SKILLS

- **Proficient in:** VBA, Python, Pine Script and other Trading View tools, Methods of evaluation and optimization of investment strategies, Technical Analysis, Portfolio Analysis, Scientific Paper Publications, Excel and other Office suit tools.
- **Experienced in:** Fundamental analysis, Java, Microsoft NAV, Facebook Ads.
- **Familiar with:** HTML, CSS, Javascript, Google Ads, Photoshop, R.

OTHER SKILLS

- English at an advanced level with domain vocabulary,
- German at the intermediate level,
- Experience in designing of posters, covers, graphics for social media and websites,
- Running a fanpage on Facebook and running an Internet domain,
- Experience in performing in front of the camera and audience,
- Experience in direct sells,
- Car driving license.

OTHER ACHIEVEMENTS

- 3rd place at the "Up to 21" International Film Festival in Warsaw,
- Distinction in the National Bank of Poland competition for a written work "An idea for a joint business that meets the needs of the local community".
- 3000 km on bike from Mucha to Santiago de Compostela and Atlantic Ocean in 2024.

VOLUNTARY WORK

- Promotion of the local community at festivals and cultural events in cooperation with the district council,
- Authors' meetings with school students to promote the reading and writing of books.

INTERESTS

- Cryptocurrency investments and research,
- Analyzing economic phenomena,
- Economic geography and history,
- Numismatics and ancient Greek coins,
- Paleontology,
- Literary work and promotion,
- Bike and mountain tourism.

SUMMARY

I am a Business Analyst at Franklin Templeton, where I leverage my analytical and programming expertise to optimize business operations and contribute to value delivery for our clients. Concurrently, I am a Computer Science and Econometrics student at the University of Economics in Poznan, Poland. I am a well-organized, highly motivated, team-oriented, and productive individual. I possess excellent communication, interpersonal, sales, fundraising, and leadership skills. As an author of two novels and a scientific article on market analysis, I bring experience in publishing and sales campaign management.

WORK EXPERIENCE

11.2022 – 04.2023 | Franklin Templeton | TA oversight | Intern

05.2023 – Currently | Franklin Templeton | TA oversight | IT Analyst

- **Automation of main tasks conducted by the department** - automation of the main tasks of the department using dedicated systems, XML and VBA.

PROJECTS

08.2023 – Currently | Franklin Templeton | Automation of manual payment processes

- **Analysis of departments areas** - that can be improved and recommendations on optimization strategies for automating manual processes as the lead analyst and programmer of the project.
- **Collaboration with colleagues** - and various departments ensuring client and coworker needs are met, enhancing teamwork and service quality. Projects aligned with business goals and executed on time.
- **Development of broad system** - composed of over 15 subsystems in VBA, using solutions that optimize performance.
- **Maintenance and updates** - of the developed solutions, along with the creation of broad documentation and training sessions for colleagues.
- **Nearly complete automation** - of over 25 different processes within a single software solution, reducing their duration by up to 95%.

01.2021 – Currently | Research and scientific work on market analysis

- **Publication of the article "Effectiveness of the Relative Strength Index Signals in Timing the Cryptocurrency Market"** - published in MDPI Sensors, with a 5-Year Impact Factor of 4.050 (2021). As of April 1, 2024, article garnered 7,000 views and 15 citations according to Google Scholar, making it the most read article in its issue. Two other papers at results analysis stage.
- **Development and improvement of multiple indicators and strategies** - written in Pine Script and Python combining different market driving factors in particular volume, price, trend, macroeconomic data and important market events.
- **Creation of an Automatic Trading System** - developed in Python, enabling investment in over 350 cryptocurrencies, built on machine learning technologies. Cryptocurrency Exchange model created for research purposes, along with proprietary indicators and strategy assessment systems, that allow to automatically adapt with each new data point.

01.2022 – Currently | Design, implementation and maintenance of internet domains

- **Creation of Internet Domains** - Developed domains for Venatu company www.venatu.pl and numerous other websites that are no longer accessible.

01.2016 – 01.2021 | Publication and promotion of two original novels

- **Writing and editing two original novels** - during high school with research on the topics covered to realistically portray the depicted world and events.
- **Acquiring capital to publish two novels** - raising funds for the publication of the book in a community fundraising in just three days.
- **Getting a publisher and publishing two novels** - first historical and adventure novel - "Nowa Kartagina" published at 17 years old (500 pages), second novel - postapocalyptic "Łowca" at 19 years old (170 pages).
- **Conducting promotion** - Acquisition and maintaining the interest of about 500 Facebook users www.facebook.com/marekzatwarnickiautor. Design and realization of the covers, website and other promotional materials.
- **Gaining experience in presentations and public appearances** - live TV interviews, promotion on the Internet and in the social media, direct sales.

EDUCATION

10.2019 – Currently | Poznan University of Economy | Bachelor & Master

Field of study: Computer Science and Econometrics

Specialization: Electronic Business (Bachelor)

- **Masters's degree - 10.2022 – Currently** - "Effectiveness of adaptations of the On-chain data in investments on cryptocurrency market" written in English.
- **Bachelor's degree - 10.2019 – 07.2022** - "Effectiveness of adaptations of the Relative Strength Index in predicting cryptocurrencies returns" written in English.
- **Four semesters of Business English.**

2016 – 2019 | Secondary School no. III with bilingual departments in Opole

Profile: Mathematics and Computer Science,

- Finished with Final (Matura) Exams and diploma with distinction.