

Jaroslav KOTRBA

Curriculum Vitae



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SOCIAL MEDIA:



EDUCATION

- | | | |
|----------|---|--|
| 06. 2020 |  | Masaryk University – Faculty of Economics and Administration Economic Policy and International Relations GPA (3.52/4.00) Master's degree program – Thesis: <i>Systemic Risk at the Mortgage Market</i> (ENG) |
| 05. 2019 |  | Masaryk University – Faculty of Education, Brno English Language and History |
| 02. 2017 |  | Masaryk University – Faculty of Education, Brno German Language and History |
| 05. 2013 |  | Grammar School Moravské Budějovice Leaving-examination with distinction |

WORK EXPERIENCE

- | | | |
|---------------------|---|---|
| 10. 2022 – current |  | Barclays: Risk Engine Developer & Analyst <ul style="list-style-type: none">• Credit risk metrics calculation and capital regulatory reporting• Basel IV Securitization, RWA and EAD calculation• Developing of internal rsageICOM model• Developing and updating SQL databases• Communication of requirements with users and business analysts |
| 01. 2022 – 09.2022 |  | Honeywell: EMEA Mobility Leader & Data Analyst <ul style="list-style-type: none">• Leading Mobility services operations within EMEA• Detailed Cost Analysis and Cost Optimizations in R & Python• People leader (Line Manager) of EMEA Mobility Team• Responsible for new contract implementation projects• Process creation, maintaining, and improvement |
| 09. 2021 – 12. 2021 | | Honeywell: IT Analyst - Data Analyst <ul style="list-style-type: none">• Billing reports automation and optimization in R and Python• Clustering and modeling of data• Risk evaluation of new mobility contracts• Forecasting of aircraft deliveries |

09. 2020 – 08. 2021

Honeywell: IT Specialist - Data Analyst

- Creation of scripts for automatization of analysis in R and Python
- Database cleaning and maintaining
- Forecasting of aircraft deliveries and retirement

06. 2020 – 08. 2020

Honeywell: Jr. Data Analyst

- Performing analysis in R
- Data extracting from the source databases

05. 2019 – 05. 2020



Expert Commission of KDU-CSL: Member

- Performing analysis in R for national economy
- Research and preparation of macroeconomic topics

07. 2019 – 10. 2019



Embassy of the Czech Republic in Vienna: Intern

- Internship in the Economic and Trade Department
- Processing national statistics and data analysis

01. 2019 – 06. 2019



Economic Commission at FoE MU: Member

- Participating in making of budget for the FoE MU
- Analysis in spreadsheets

09. 2018 – 06. 2019



AEGEE Brno: Treasurer

- Accounting and budget compilation
- Responsible person for the finance

SKILLS

COMMAND OF LANGUAGES

Czech

Native speaker

German

C1 (State exam and Certification of PH Wien)

English

C1 (State exam)

French

B1 (Courses: at MU A1-B1)

COMPUTER SKILLS



Econometrics (ESF MU), Statistics for Computer Science (FI MU), Calculation Systems in Statistics (ESF MU), Time Series Analysis and Forecasting (R-Tutorials), Data Science & Machine Learning (Jose Portilla), Advanced Analytics in R (Kirill Eremenko), Quantitative Finance (Packt Publishing)



Python for Data Science and Machine Learning (Jose Portilla), Machine Learning A-Z: Hands-On Python (Hadelin de Ponteves), Python for Time Series (Jose Portilla), Credit Risk Modeling (365 Careers)



MySQL for Data Analytics (365 Careers), Big Data with SQL (Pavel Lasák), SQL Mastery (Mosh Hamedani)



Economic Modeling in Spreadsheet (Pavel Lasák) see: <https://office.lasakovi.com/excel>

OTHER: Git, Jira, Confluence, Tableau, C#, HTML & CSS, Google Analytics, ServiceNow

OTHER COURSES

International Media Workshop – Bahratal 2017, Germany

Animator Course 2012 – 2014

Sursum – Course for scout leaders 2011

HOBBIES AND INTERESTS

Calisthenics (body-weight training), road cycling, reading (also audiobooks) and volleyball