

Marek SOUKUP

Curriculum Vitae

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📄 [github](#)

Originally trained in economics, I started my professional career as a data analyst in a consumer credit company. My interest in advanced data analysis and programming brought me to the online advertising industry. I worked as a research programmer in Seznam.cz, a leading Czech technology company. My responsibility in the role was to optimize the company's ad selling mechanism. The role involved reading papers, data analysis, formulating solutions, prototyping algorithms and overseeing their implementation. This job motivated me to pursue a deeper understanding of technology. Therefore, I applied for a one-year MSc program in Operational Research with Data Science at the University of Edinburgh, Scotland. Currently, I am seeking a graduate job in data analytics, business analytics, operational research, data science or similar field.

Education

- Sept 2020 – **University of Edinburgh, Edinburgh, United Kingdom**, MSc in Operational Research with Data Science.
Aug 2021
 - Expected result: MSc with Merit
 - program website [accessible here](#)
- Sept 2015 – **Masaryk University, Brno, Czech Republic**, MA in Quantitative Methods in Economics.
Sept 2017
 - GPA 3.8 out of 4 (graduated with honors)
 - program website [accessible here](#)
- Sept 2012 – **Masaryk University, Brno, Czech Republic**, BA in Economics.
Jun 2015
 - awarded a Dean's Prize for an Outstanding Thesis
 - GPA 3.0 out of 4
 - program website [accessible here](#)
- Sept 2008 – **Jirovcova High School, Ceske Budejovice, Czech Republic**, High School Leaving Certificate (A-level equivalent).
Jun 2012
 - Exams taken:** Mathematics – excellent; English Language – excellent; Basics of Social Sciences – excellent; Czech Language and Literature – very good
 - Grading scale** (from highest to lowest): excellent, very good, good, satisfactory, fail
- Sept 2004 – **Jirovcova Secondary School, Ceske Budejovice, Czech Republic**, GCSE equivalent.
Jun 2008
 - Courses:** Mathematics – very good; English Language – very good; Civics – excellent; Czech Language – very good
 - Grading scale** (from highest to lowest): excellent, very good, good, satisfactory, fail
 - Note:** The Czech education system does not have a direct equivalent of GCSE. Therefore I am stating the secondary school grade averages of courses corresponding to my A-level exams.

Work Experience

- May 2020 – **ENGETO Academy, Remote**, Online tutor (part-time).
Jan 2021
 - I was a member of a team of 5 tutors. We were working on a project whose goal was to develop a job-ready course of data analysis. The course is oriented towards SQL and pandas. It also covers the introduction of matplotlib, linear and logistic regression. I was also tutoring online webinars in the course and supervising individual projects.

- Jun 2019 – **Seznam.cz**, *Prague, Czech Republic*, Programmer – research (full-time).
- Aug 2020
- The company operates in the field of internet advertising. I was involved in series of projects whose aim was to improve the efficiency of the selling mechanism. My task was to formulate and prototype appropriate pricing and allocation functions that would maximize the profit and utility of the customers, advertisers and the company. I also participated in a machine learning project. Our goal was to design a model that predicts the relevance of advertisements for consumers.
 - Software used: Python, SQL, PySpark
- May 2019 – **CERGE-EI**, *Prague, Czech Republic*, Research assistant (part-time).
- Aug 2020
- I was preparing data sets for further research, estimating basic econometric models and reporting descriptive statistics of the data.
 - Software used: \LaTeX , Stata, Python
- Sept 2017 – **Home Credit**, *Brno, Czech Republic*, Data Analyst (full-time).
- Jun 2018
- I worked as an analytical support for early collections department. I was developing automated SQL procedures for daily data preparation, compiling text messages and emails. I also developed a GUI application that enabled easy data access.
 - Software used: PL/SQL, Python, MS Excel

Extracurricular courses

- Feb 2019 - Introduction to Machine Learning in Python, 9 contact hours, Economics Discovery Hub, Prague, Czech Republic
- Mar 2019
- May 2018 OOP in Python, 16 contact hours, ENGETO Academy, Brno, Czech Republic
- Jan 2018 - Linux Academy, 45 contact hours, ENGETO Academy, Brno, Czech Republic
- Apr 2018
- Nov 2017 - Python Academy, 36 contact hours, ENGETO Academy, Brno, Czech Republic
- Feb 2018

Computer skills

- Advanced Python
- Intermediate MATLAB, SQL, \LaTeX , MS Excel
- Basic Java, SAS, Stata, Linux, R, PySpark

Languages

- Czech **Native Speaker**
- English **Professional**
- Russian **Advanced**

Certificate in advanced English, grade A (Feb 2020)

Extracurricular activities

- Feb 2019 - Student Representative at CERGE-EI, Prague, Czech Republic

Interests

- Hiking
- Guitar
- Learning and playing with Python
- Reading

Links

- [github](#)
- [LinkedIn](#)