



Matej Čamaj



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matejcamaj



mathewcohle.github.io

Programming

Python



git, Linux



Kubernetes, Docker



RabbitMQ, MongoDB,

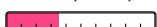
Redis



Google Cloud Platform



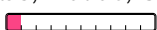
Go, Lua, R



Kafka, ZeroMQ



ReactJS, Matlab, C



Languages

English proficiency

Czech native like

Slovak native

Date of birth

22. 08. 1991

Experience

2017 - 19 Jan **Software Engineer**

SpaceKnow

Development of scalable backend distributed platform for on demand analysis of satellite imagery:

- Design and implementation of the micro services in Python
- Improvement of scalability, stability and security of the platform
- All of the above using any tool which was appropriate for the job

Reference: Matěj Laitl, Backend Team Leader

2016 - 17 Mar **Commodity Trader and Software Developer**

ezpada

Development of proprietary trading software for commodity markets:

- Backend implemented in Python, frontend implemented in ReactJS, communication between components through ZeroMQ and WebSockets
- Trading algorithms based on analysis of historical data and knowledge of market micro structure

Reference: Chad Tschudi, Head of Trading

2016

Risk Manager

ezpada

Development of the solution for monitoring and reporting risk of trading portfolios:

- Selection and implementation of appropriate risk models for each financial instrument
- Integration of the system within company infrastructure (SQL database)

Reference: Lubomir Skoupil, Risk Team Leader

2015

Trader Analyst

wood&company

Intraday proprietary trading on CEE stock markets:

- Quantitative analysis of the market opportunities and development of new trading strategies
- Management of daily operations and strategic management

Reference: Martin Kabrhel, Head of Trading

2013 - 2014

Coach and Videoproducer

pokerstrategy.com

Create educational videos oriented on poker mathematics, GTO and analytical approach to poker strategies.

Projects

2016

Mailoo

Web application for the automatic generation of mail contacts. I worked on the backend end part of the application (web scrapping, API design).

2015

Jerry The Poker Bot

Primarily learning project to experiment with classification machine learning algorithms. I was responsible for the application architecture and development of the decision module.

Education

- 2013 - 2016 **Master in Financial Engineering** University of Economics in Prague
I graduated with highest distinction and wrote the diploma thesis *Market making strategy* which received Award of Dean.
- 2014 **Exchange study MSc in Business and Economics** Stockholm School of Economics
During the one semester exchange study I studied the courses in Mathematics, Asset pricing, Fixed income and Econometrics.

Strengths

Strong analytical and critical thinking

Which I repeatedly applied in many areas like satellite imagery processing, distributed computing, trading on financial markets, etc.

Team player

While I am able to work independently with very little guidance, I welcome support of more experienced team members. I am also prepared to advise and help others by putting my previous experience to use. There is nothing better than to be part of team of competent and motivated people working together — to make the world a better place.

Ability to solve practical problems and link theoretical knowledge to real world challenges

Like implementation of scalable micro services, transformation of trading ideas to quantitative models or application of machine learning techniques in development of poker bot.

Self-taught

Even though I graduated in Finance, I've studied extensively topics in Computer Science, Mathematics and many other areas driven by my passion for knowledge.

About me

Interests

I'm trying to keep my perspective wide open by reading books from various fields like Behavioral economics, Psychology, Ancient philosophy, Risk management in the Real World and many others.

I'm big believer in open source software, security enthusiast and fan of UNIX philosophy in software development.

Lastly, I love biking, running, swimming or playing badminton.