Name: Dima Miroshnichenko, PhD
Address: Volgograd, Russia (open to relocate)
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Skills

- Python (fastapi, pytest, pandas, requests, asyncio, aiohttp, beautifulsoup, scikit-learn)
- HTML, CSS, git, postresql, mongodb, docker, poetry, jupyter notebook
- SEO, wordpress, linux (debian, bash)
- Agile, project management, technical writing, digital marketing

Experience

Python Developer

Ziphy · Full-time, Mar 2022 - Present · 3 mos

- Made a python library for using finite state amchine on the backend
- Made a python library with signaling mechanism

Python Developer

Freelance, Apr 2021 - Mar 2022 · 1 yr

- Made a web catalog of 120k+ python libraries based on fastapi, postgresql and pytest
- Made 10+ scrapers based on requests, aiohttp and beautifulsoup
- Made python library for downloading financial data from Yahoo finance, Finam and Binance
- Programmed 25+ trading robots for trading cryptocurrencies on Binance and Deribit exchanges using backtrader
- Did 30+ financial research for algotrading with pandas, matplotlib and jupyter notebook

Software Developer + SEO

Small Scale Marketing Agency, Aug 2016 - Mar 2022 · 5 yrs 8 mos

- Made 10+ content sites with 10,000+ articles on Wordpress
- 2+ million visitors a month from SEO in two years from scratch

- Made an article publishing system with a capacity of 1,000 articles per month
- Reduced the cost of publishing articles by a factor of 5

Software Engineer

Volgograd State Technical University · Full-time
Jul 2008 - Sep 2015 · 7 yrs 3 mos

- Defended Ph.D. thesis in technical sciences
- Developed mathematical software for nonlinear dynamics calculations in Fortran and C
- Developed an algorithm for controlling adaptive vehicle suspension
- Made 10+ mathematical models for robots and cars
- Wrote 6 research papers

Education

- Volgograd State Technical University, Doctor of Philosophy - PhD, Automotive Engineering Technology/Technician, 2008 - 2012
- Volgograd State University, Master's degree, Applied Mathematics, 2003 - 2008

Licenses & certifications

- M121: The MongoDB Aggregation Framework, MongoDB University, Apr 2022
- Python for Financial Analysis and Algorithmic Trading, Udemy, Jan 2020
- Machine Learning provided by Stanford University, Coursera, Jul 2014

Languages

- English (B1), Russian (native), German (A1)

Other interests

- Investing (stocks, ETF), blockchain, crypto, algorithmic trading
- Permaculture, hydroponics, Aikido