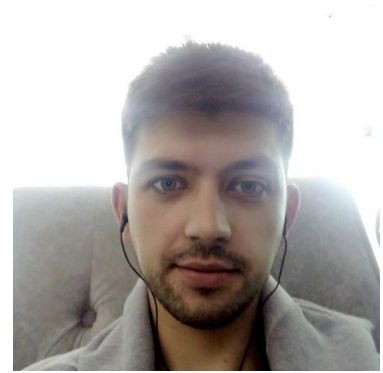


## Denis Serdyuk



### Contacts:

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### Education:

2024 - currently	Meta Back-End Developer. Coursera
2020 - 2022	Python for financial analysis and algorithmic trading. Udacity Django 3, full stack. Udemy
2018	UX. Human-centered design. Projector
2004 - 2009	Automation and computer-integrated technologies. Faculty of Chemical Engineering of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

### Technical Skills:

Python, Data Analysis (NumPy, Pandas, Jupyter Notebook, Google colab, Matplotlib, Seaborn), Web Framework (Django3), Unittest, Heroku Cloud, Selenium, Bs4, UNIX/Shell, TCP/IP, Websockets, SQL, JIRA, GIT, GitHub

## **Experience:**

**May 2022 – Current time**

**Work on own projects**

Quantitative researcher/developer

- Analysis of data from Binance (cryptocurrency), Yahoo finance (Stocks), using Python, REST API, Pandas, Numpy, Matplotlib, Seaborn
- Developing backtester for crypto and stock market, using Python, GitHub, GIT, Matplotlib, Seaborn, REST API
- Developed trading bot for cryptocurrency (Binance) exchange
- Developed work flow for finding, testing and implementation setups

**Feb 2022 – May 2022**

**Indigo Tekera**

Quantitative developer

- Analysis of data from Binance (cryptocurrency), using Python, Binance-client, Pandas, Numpy, Matplotlib, Seaborn. Some parts of found using in current strategy.
- Backtested trade ideas with different parameters and conditions. Using Python, Pandas, Numpy. Found statistical parameters was using in improve performing of strategy.
- Built and deployed dashboard using Python, Pandas, Django 3, Bootstrap, Heroku Cloud, Git, Github, Binance-client for displaying main parameters of strategy for more fast manage and analysis strategy.
- Developed backtester for more fast backtesting different ideas and using in production it. Used Python, Pandas, Numpy, Binance-client

**Feb 2021 – Jan 2022**

**EIG Fund**

Python developer

- Developed features for backtester, using Pandas, Numpy. It's got more fast and wide functionalities.
- Researched ideas (stocks and futures markets) for Algorithmic Trading strategies, using Python, Numpy, Pandas, Matplotlib, SQL. About 5 strategies worked in production
- Calculated different risk management models and using Python, Numpy. It was base for reviews and improving risk/rewards a few strategies.
- 5 setups, which I found, were added in production

**Apr 2020 – Jan 2021**

**DataForest**

Python Developer

- Developed features for analytics platform using Python, Django, Selenium, Git, Github. it's improved functional of platform for work with reports
- Written scripts for parsing web-pages. Using Python, Selenium, Bs4 for more fast generate analytics and reports

**Oct 2019 – Mar 2020**

**Freelance**

Python Developer

- Written scripts for optimisation work process – automate generation reports in Excel. Using Python, Pyexcel, Selenium. More fast and flexible generate reports.
- Created simple web-page for e-commerce goals and using Python, Django, Bootstrap, Bs4. More efficient and flexible work with clients.