

Nikita Mochalov
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Experience

● Trainee security analyst

Yandex Feb. 2019 - June 2019

Developed a banking card fraud prevention system

Developed intrusive push-notification detector

Developed several spam ads detectors

Developed a searcher for fraudulent organizations

Made a program searching for websites that should be opening in Yandex.Browser protected mode

Made a program gathering information about websites suspected in infecting users

Made programs for collecting information about users

(Python, MapReduce, Scikit-Learn, Catboost)

● Junior Analyst

ConsultantPlus Sep. 2018 - Nov. 2018

Adding some of Consultant+ functionality to Yandex.Alice (Python)

Education

Lomonosov Moscow State University (MSU)

Master's degree, Computer Science (2019 - present)

Lomonosov Moscow State University (MSU)

Bachelor's degree, Computer Science (2015 - 2019)

Skills

◦ Python

I usually use Python for my work. This includes machine learning tasks, making GUI programs (e.g. github.com/Zamony/securetalks) and web development.

◦ Golang

I really enjoy working with Go. Although I don't have working experience with Go, I used it for several of my pet-projects: github.com/Zamony/wmm and github.com/Zamony/rocket

◦ Machine Learning

I am successfully applying machine learning at my work. I usually use `scikit-learn` and `Keras` for building machine learning models (with some `nlTK` preprocessing for NLP tasks)

◦ SQL

I have an experience with SQL (JOINS, aggregates, subqueries and more). I have also worked with relational databases like `SQLite` and `MySQL`.

◦ Web development

I worked as a freelancer in the past, making simple websites with HTML/CSS/JS. I have an e-commerce shop, built with Django (github.com/Zamony/django-bookstore)

◦ Linux, Git

I'm a Linux fan and quite confident with using Git