CAREER PROFILE

I'm a Data Engineer / Python Developer with keen interest in Systems Design and Architecture.

SKILLS & PROFICIENCY





Integration Engineer 2019 - Present

Design and development of robust ETL system specializing in delivery data from B2B clients to Mercaux REST API. Implementation of EDA (exploratory data analysis) workflows within JupyterHub environment.

- Python, PostgreSQL
- JupyterHub
- Spark, Dask
- Airflow
- Docker
- AWS (EMR, EC2, S3, IAM)

Lead Data Engineer 2018 - 2019

Mercaux.Al, Hong Kong

Lead the development of high-load machine learning system that correlates clickstream users data to their Big 5 psychology traits.

- Spark, MLLib
- Tensorflow, Keras
- tidyverse, pandas, numpy
 AWS (EMR, EC2, S3)

Software Developer

Kraftool GmbH, Mo:

Design and development of a multi-agent simulation for an automatic warehouse.

- · numpy, networkx, matplotlib
- Redis

Software Developer 2009 - 2011

Development of a game portal as a part of an in-house social network project. 3D games development.

- Erlang
- RabbitMO
- WebGL, Blender

Research Engineer

Development of laboratory software for radiolocation studies.

- C++
- Matlab
- LabView

COURCES & WORKSHOPS

Computer System Engineering (6.033) 2019

SAT/STM Solving (PS2 SS 2018 703048) 2018

University of Innsbruck (Department of Computer Science)

CMU Deep Learning (CMU 11-785) 2018

PPAML-2016



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Resume PDF

MSc in Physics Moscow State University 2003 - 2009

INTERESTS