

ANTON LIOZNOV

MSc Physics

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WORK EXPERIENCE

Engineering intern

OKKO – Online cinema

2014, summer

- Worked on optimization of interaction with external sources
- Achieved 10x speed of interaction
- Improved search quality

Java

Grails

Postgresql

Git

Physics Teacher

Formula de Integro – multidisciplinary summer camp

2015, summer; 2016, winter

- Used various approaches to explain the material
- Prepared the program from the scratch

Engineering intern

Papeeria – Online \LaTeX editor

2017, summer

- Adding UI for working with git merge conflicts

Java

Coffeescript

Docker

LESS

PROJECTS

Online course "Programming basics for Linux"

Stepik – educational platform

2016

- Worked on the server part of the task verification system and the RESTful API

Python

Docker

Leadership and development

Vozhatnik – the biggest community of camp tutors in VKontakte

2016 – ongoing

- Created a site and an automation of the system
- Collecting statistics

PHP

Yii2

JS

mysql

Python

R

Slack

SKILLS

Programming languages

Python



Java



R



C++



bash



Haskell



JavaScript



PHP



Soft skills




teamwork – for a month 24/7 I lived in a closed team

leadership – organized a trip of a group of students with the expedition of the State Hermitage Museum

processing and submission of information – had teaching experience, coached trainings, passed a course of public speaking

Upper Intermediate English

Technologies

Parallel programming , Web , Data Bases , Machine Learning , Modeling 

FIELDS OF INTEREST

- Data Mining
- Space Physics
- Automation of Processes

EDUCATION

Master of Science in Physics

St.Petersburg Polytechnic University

📅 2015 – 2017

graduated with honours

Department of space research

Thesis: "The influence of heavy helium isotopes on the processes of Big Bang nucleosynthesis"

Python

scipy

Bachelor of Science in Physics

St.Petersburg Polytechnic University

📅 2011 – 2015

Department of space research

Thesis: "Computer simulation of acceleration of cosmic rays on the fronts of supernova wave"

C++

gle

Parallel programming

Python

Software Engineering

Computer Science Center – night school, created by Yandex and JetBrains

📅 2012 – 2015

compscicenter.ru/users/415/

PUBLICATIONS

👥 Conference Proceedings

- Gladilin, Peter and Anton Lioznov (2016). "The Comparison of Numerical Approaches of Simulation of the Acceleration of Particles on Shock Waves." In: *PhysicA.SPb*.

PARTICIPATION IN EVENTS

Olympiad "Master degree of MIPT"

MIPT – olympiad for Master's degree applicants in Moscow Institute of Physics and Technology

📅 2015, winter

- diploma of the second degree in mathematics
- absolute first place in physics

Hackathon

GoToHack – data mining in education focused hackathon

📅 2016, fall

- a prototype of the system of sorting comments in Stepik platform in order of importance of teacher answer was developed.
- github.com/Lavton/gotohack_stepik

Python

Selenium

sklearn

HOBBIES

Ultimate Freesbe – As a developing and interesting sport

Teaching – As a way to decompose and transmit information

Archeology – As an opportunity to relax from the hustle and bustle

Psychology – As a way to better understand people and yourself