

Mikhail MISHIN

PERSONAL DATA

PLACE AND DATE OF BIRTH: Moscow, Russia | 18 May 1994
ADDRESS: Jämeräntäiväl 1 C 273, 02150, Espoo, Finland
PHONE: +358 0449298410
EMAIL: mikhail.mishin@aalto.fi

TARGET POSITIONS

- Data Scientist & Machine Learning Specialist
- Backend Developer & Full Stack Developer

WORK EXPERIENCE

PRESENT JUN 2017	Junior Software Developer at Ericsson Project: Ericsson Security Manager Implement new features for Ericsson Security Manager - a solution for automation of security configuration, monitoring and compliance for all ICT domains, including Cloud, Networks and Enterprise. Tech stack: Python, Django, Docker, Kubernetes, React.
DEC 2016 OCT 2016	Research Assistant at Aalto University <i>Distributed Algorithms Group</i> Help to implement search algorithms for finding efficient distributed algorithms that work correctly despite the presence of faulty behaviour. Tech stack: Python and SAT solvers.
AUG 2016 MAY 2016	Google Summer of Code student Project: "Carsus - TARDIS support package for creating atomic datasets" Organization: <i>TARDIS-SN</i> Developed Carsus - a python package for storing and manipulating atomic data. Carsus downloads and parses data from a number of sources, then stores it in an SQLite database and outputs it in the HDF5 format. Tech stack: Python, Python scientific stack, Pandas, SQLAlchemy and SQLite, Pyparsing, Unit testing.

EDUCATION

PRESENT AUG 2016	Master's Programme in COMPUTER, COMMUNICATION & INFORMATION SCIENCES Aalto University , Espoo, Finland Major: Algorithms, Logic, and Computation Minor: Machine Learning and Data Science
JUL 2016	Bachelor's Degree in COMPUTER SCIENCE Bauman Moscow Technical State University , Moscow, Russia Major: Design and Technology of Electronic Equipment GPA: 4.7 (out of 5)
JUL 2012	General Education, LYCEUM 1581 , Moscow, Russia. School with advanced study of Physics, Mathematics and Informatics.

SKILLS & TECHNOLOGIES

- Strong PYTHON background + knowledge of the most popular packages (NUMPY, PANDAS, SQLALCHEMY, DJANGO, PYTEST, etc.)

- Good knowledge of MATH and ALGORITHMS
- Experience in MACHINE LEARNING and DATA MINING projects
- Good DATABASE DESIGN skills, SQL, POSTGRES SQL
- Experience in **Web Development**:
 - FRONT-END development, JAVASCRIPT, REACT
 - INFORMATION SECURITY
 - REST API design
- C PROGRAMMING and EMBEDDED SYSTEMS DESIGN
- LINUX, GIT, \LaTeX , etc. etc.

SCHOLARSHIPS & CERTIFICATES

2012-2016 Scholarship from BMSTU
 2012 Winner of the Math and Physics Olympiads held by BMSTU

Completed several **Massive Open Online Courses**, including:

- Machine Learning, by Stanford University
- VLSI CAD: Logic to Layout, by University of Illinois at Urbana-Champaign.
 (Fundamental algorithms and data structures used in computer aided design tools)
- Automata, by Stanford University

LANGUAGES

RUSSIAN: Mother tongue
 ENGLISH: Fluent
 FINNISH: Basic knowledge

INTERESTS & ACTIVITIES

Learning, technology, Open-Source, programming
 Judo, trail orienteering, hockey, hiking, travelling, literature, music and art