Mikhail Mishin

Personal Data

Place and Date of Birth:	Moscow, Russia | 18 May 1994
email:	mikhail.mishin@aalto.fi

Target Positions

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

Work Experience

Feb 2019 March 2018	**Deep Learning Intern at Focal Systems** Startup experience in Silicon Valley Worked on the tasks of detection and classification products on grocery store shelves Tech stack: Python, Keras, Docker
Feb 2018 Jun 2017	**Junior Software Developer at Ericsson** Project: Ericsson Security Manager Helped to 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** *Distributed Algorithms Group* Helped 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: *TARDIS-SN* 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)

Skills & Technologies

- Strong Python background + knowledge of the most popular packages: numpy, pandas, pytest, etc.
- Common probabilistic models in Machine Learning, Deep Learning, Kernel Methods, Data Mining algorithms
- **Web Development**:
    - Back-end development, Django, SQLAlchemy, Database Design, PostgresSQL, Docker
    - Front-end development, JavaScript, React
    - Information Security
    - REST API design
- Math and Algorithms
- C Programming and Embedded Systems Design
- Linux, Git, LaTeX, etc.

Scholarships & Certificates

2012-2016   Scholarship from BMSTU
2012   Winner of the Math and Physics Olimpiads 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: Mothertongue
English: Fluent