

Elena Kantonistova

Curriculum Vitae

pr-t Vernadskogo

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Work experience

- June 2018 – **Data Scientist at United Consulting Group**, MOSCOW, RUSSIA,
current time Tools: Python, SQL, Git.
Development and implementation of fraud detection algorithms in insurance; other tasks related to machine learning in insurance.
- Sep 2017 – **Lecturer at National Research University Higher School of Economics**,
current time MOSCOW, RUSSIA.
Machine learning at HSE (lectures and practice lessons).
- Nov 2016 – **Data Scientist at Raxel Telematics**, MOSCOW, RUSSIA,
May 2018 Tools: Python, SQL, Git.
Development of a system that determines the mode of transportation used by person (bus, train, taxi, passenger, original driver, walking); personal driving style detection.
- Sep 2012 – **Tutor at Lomonosov Moscow State University**, MOSCOW, RUSSIA, Teach
Dec 2014 students how to use Wolfram Mathematics package in applications of differential geometry.
- Sep 2008 – **Private and school teacher**, MOSCOW, RUSSIA, Teaching mathematics, infor-
current time matics, physics (specialization in EGE/OGE: GPA of students is 89/100).
In 2012-2013 work in mathematical school 179 as a teacher of mathematical analysis and take part in Yandex EGE educational project.

Education

- Sept 2015 – **Student at Yandex School of Data Analysis (YSDA), Computer Science**
June 2017 **department**, MOSCOW, Russia, GPA: 5.0.
- Oct 2012 – **PHD Student at Lomonosov Moscow State University**, MOSCOW, Russia.
Oct 2015 Prepare PHD thesis on Differential geometry; thesis defence. Supervisor: Fomenko A.T.
- Sept 2007 – **Student at Lomonosov Moscow State University**, MOSCOW, Russia.
June 2012 Study mathematics at the chair of Differential geometry and applications. Diploma with honors. GPA: 4.95
- Sept 2003 – **Student at Second School Lyceum**, MOSCOW, Russia.
June 2007 Math class with specialization in programming

PHD Thesis

- 3 June 2016 **Topological classification of integrable Hamiltonian systems in a potential field on surfaces of revolution.**
Classification up to Liouville equivalence of 2-dimensional Integrable Hamiltonian systems in potential field on manifolds of revolution, homeomorphic to 2-sphere. Integer lattices of action variables of Integrable Hamiltonian systems were introduced and formalized.

Achievements

Academical achievements **Five papers on Differential geometry**, (see profile on Istina: <http://istina.msu.ru/profile/kysin/>).

Competitions **Top-5% in "Groupo Bimbo" Kaggle competition (2016)**.

Skills

Hard skills - Mathematics: differential geometry, mathematical analysis, probability theory
- Applications: Microsoft Office, LaTeX
- Programming: C, C++, Python, SQL

Soft skills Analytical way of thinking, good command skills, ability to adjust quickly to current changes

Languages Russian - Native, English - Advanced, French - Intermediaire