

# Temirlan Abildaev

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## Education

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<b>Saint Petersburg State University</b> Faculty of Physics Department of Mathematical Physics <i>Master of Physics</i>	Sep 2020 – Jun 2022
<b>Saint Petersburg State University</b> Faculty of Mathematics and Mechanics Department of Statistical Modelling <i>Bachelor of Applied Mathematics and Computer Science</i>	Sep 2016 – Jun 2020  GPA: 4.5/5.0
<b>Saint Petersburg State University</b> Graduate School of Management Completed two years (120 ECTS-credits).	Sep 2014 – Jun 2016

## Academic

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### *Bachelor Thesis*

**Title:** Spectral asymptotics for integral operators of variable order

**Supervisor:** Ph.D. A. I. Karol', Associate Professor of the Department of Mathematical Physics

**Description:** Integral operators with weak singularity of variable order are considered. Asymptotics for  $s$ -numbers distribution function is obtained. Problem is applicable to stochastic processes theory.

### *Research*

**Title:** Tropical optimization models and methods in applied problems of economy (RFBR 20-010-00145)

**Supervisor:** D.Sc. N. K. Krivulin, Professor of the Department of Statistical Modelling

**Description:** New method of minimax log-Chebyshev approximation is applied to some well-known problems of evaluating alternatives ratings based on pairwise comparisons. Obtained results are compared with the results obtained by traditional methods.

**Publications:** <https://doi.org/10.32603/2071-2340-2020-2-27-58>

## Working

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### **Tutoring**

Gave private lessons in mathematics. Sep 2017 – Mar 2020

### **Procter & Gamble Gillette plant**

*IT/OT Project Manager* Jun 2020 – Dec 2020

Business processes digitalization and analytics development.

Most significant projects:

- solution for corporative audits conduction and results tracking — development and implementation,
- solution for contractors works planning, inspection and analytics — development and implementation,
- solution for power consumption monitoring — tool implementation, dashboards and reports development.

## Languages

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**Russian:** Native

**English:** Advanced

## Programming languages and software

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**Intermediate:** R, C++, Matlab, Seeq, MS Power Apps, MS Power Automate, MS SharePoint Online,  $\text{\LaTeX}$

**Elementary:** Python, Java, Qt, Statistica, ThingWorx, MS Power BI

## Interests

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**Vocational:** Probability theory, Mathematical statistics, Mathematical physics, Statistical learning theory

**Miscellaneous:** Football

## Additional information

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**Citizenship:** Kazakhstan