# ERIKA SHEFER

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## EDUCATION

**ITMO University, Saint-Petersburg, Russia** *2023*
Bachelor of Computer Science

## EXPERIENCE

**Huawei RD center**  July 2019 - May 2022
*Researcher in OS Algorithm Team*  *Saint-Petersburg*

· Research and develop machine learning algorithms to optimize mobile operation systems
· Improved memory management systems for mobile phones

## PROJECTS AND PUBLICATIONS

**Method and apparatus for clustering time series data**  2022
*Patent WO2022139615A1*

Main inventor of the clustering method for time series data

**Wartsilla HackTheSea Hackaton**  2019
*3rd place*

As a part of a team build a web-project for office navigation

## EXTRA-CURRICULAR ACTIVITIES

**IOIP Problemsetter**  2018

Prepared olympiad problems for neerc.ifmo.ru/school/ioip

**NEERC ICPC finals volunteer**  2018

Helped to organize semifial and final competitions NEERC ICPC

**Tutor in Summer Informatics School**  2018

Organized lections of algorithms and data structures fro school students in SIS

## TECHNICAL STRENGTHS

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|---|---|
| **Technical Skills** | Algorithms and Data Structures, Machine Learning |
| **Computer Languages** | Python, C++, Java, Java Script |
| **ML** | Pandas, Numpy, Sklearn, Tensorflow, Pytorch |
| **Experience** | Bash, Linux, Backend and Frontend Web Development |
| **Soft Skills** | Problem solving, Research, Communication skills, Creativity |
| **Languages** | English, Russian |