

SHEFER ERIKA

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Inquisitive, energetic computer science student with a strong foundation in math, programming logic, algorithms and data structures. Enjoy being challenged and engaging with projects that require me to work outside my comfort and knowledge set, as continuing to learn new languages and development techniques are important to me.

EDUCATION

Bachelor of Computer Science, ITMO University

2018 - 2022

EXPERIENCE

Researcher in OS Algorithm team

July 2019 - present

Huawei R&D center

Saint Petersburg

Research and develop machine learning algorithms that help optimize mobile operation systems.
Improved memory manager systems in mobile phones.

PROJECTS AND PUBLICATIONS

Wartsila HackTheSea Hackathon 2019

Build a web-project for office navigation, 3st place

Patent with Huawei

Main inventor of clustering method for time series data. Patent now is being registered with the patent office

EXTRA-CURRICULAR ACTIVITIES

IOIP Problemsetter

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

2018

NEERC ICPC finals volunteer

Helped to organize semifinal and final competitions NEERC ICPC

2018

Teacher in Summer Informatics School.

Organized lections of algorithms and data structures for school students

2018

Participant of final stage of Russian olympiad in informatics.

2016

SKILLS

Technical Skills

Algorithms and Data structures, Machine Learning

ML libraties

pandas, Numpy, Sklearn, Tensorflow, Pytorch

Cloud-based technologies

AWS, Docker

Soft skills

Problem solving, Communication skills, Research, Creativity

Experience

Bash, Linux, Backend and Frontend Web Development

Programming languages

Python, C++, Java, JavaScript

Languages

Advanced English, Russian