

# ANASTASIIA FOKINA

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## SUMMARY

- Interdisciplinary software engineer with skills and experience in machine learning, physics, and electronics (robotics).
- Self-motivated, problem-solving and collaborative scientist with notable communication and leadership skills.
- No lack in collaboration with colleges during work in large projects.
- Vast interests including technical fields, soft skills, and art.

## TECHNICAL SKILLS

- **Software Engineering:** General knowledges in Machine Learning methods. General knowledges in OOP.
- **Science:** Wide range of general knowledges in Natural Sciences - *High Mathematics, Physics, Statistics, Electronics*.
- **Production:** Universal Photography - *portraits, reportage, food photography, nature*, Videography/
- **Design:** Photo retouch, 3D-modeling.

## SOFTWARE AND HARDWARE SKILLS

- **Programming:** Python, C, C++, GIT, Arduino coding
- **Design Software:** Adobe Photoshop, Adobe Premiere, Adobe Lightroom
- **3D Design Software:** Blender, SolidWorks
- **Plotting:** Origin, matplotlib

## JOBS

### Center of Molecular Electronics

technician

MIPT

September 2019 to July 2020

- Providing researches and molecular electronics.
- Participation in sensitive sensors and geophones development.
- Project was lead by I. Zaytsev.
- Conferences participation.

### Media – center of Evening School of Physics and Technology

Videographer

MIPT

2017 to December 2019

- Lectures recording.
- Organization of live broadcasts.
- Video editing.

### MIPT Media Center/ MediaClub

Photograph, photojournalist

MIPT

2018 to December 2019

- Video recording.
- Photo reports of MIPT events.
- Photo retouch.

### Evening School of Physics and Technology

Computer Science Teacher

MIPT

2018 to December 2019

- Video recording.
- Photo reports of MIPT events *Events: Days of Physics, Igromir 2018, Moscow Discofox Championship, MIPT graduations, Welcome Days e.t.c..*
- Photo retouch.

## EDUCATION

- Master in Computer Science and Software Engineering, Schaffhausen Institute of Technology, 2020 to present
- Masters in applied physics and math, Moscow Institute of Physics and Technology (MIPT), 2020 to present
- BS, Bachelor of applied physics and math, Moscow Institute of Physics and Technology (MIPT), 2020.

## AWARDS

- 2nd place of 62 MIPT conference, in section of arctic technologies.

## CONFERENCE PAPERS

- A SIMPLE AND CHEAP METHOD OF MET GEOPHONES AND SEISMIC ACCELEROMETERS TEMPERATURE SENSITIVITY STABILIZATION IN A WIDE TEMPERATURE BAND  
September 2020  
DOI: 10.5593/sgem2020/1.2/s05.053  
Conference: 20th International Multidisciplinary Scientific GeoConference Proceedings SGEM 2020
- METHOD FOR ENSURING TEMPERATURE AND TIME STABILITY OF PARAMETERS OF MOLECULAR ELECTRONIC GEOPHYSICAL SENSORS FOR OIL AND GAS EXPLORATION SYSTEMS  
September 2020

DOI: 10.5593/sgem2020/1.2/s06.091

Conference: 20th International Multidisciplinary Scientific GeoConference Proceedings SGEM 2020

## OTHER SKILLS

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**Software** Linux user, LaTeX

**Languages** English: B2. Russian: native. Studying German.