

ANTON KOSTIUKHIN

SOFTWARE DEVELOPER

CONTACT

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WORK EXPERIENCE

Software Developer | 02/2021 - CURRENT

KappaZeta Ltd.

- worked on mosaicking, geo-referencing, support for NASA GSFC and MAJA cloudmasks for raster conversion and mask vectorization tool within KappaMask project;
- worked on designing and development of B2B/B2G REST API for accessing Sentinel-1 and 2 based raster and time-series data;
- achieved 4 times speed increase in SLC-product based rasters computation as a result of working and configuring data processing pipeline for Sentinel-1 and 2 in Apache Airflow;
- gathered user requirements, prototyped UI, and developed web application as a part of farm management software project;

ACADEMIC HISTORY

University of Tartu | 2020 - 2022

MSc in Geoinformatics

- GPA: 4.96 / 5.0 (Cum Laude)

B. Moscow State Technical University | 2016 - 2020

BSc in Computer Science and Computing Hardware

COURSES AND TRAININGS

7th Advanced Training Course on Radar Polarimetry | 07/2023

France, Toulouse, ISAE-SUPAERO

SKILLS

- Git
- JavaScript (vue.js, tailwind)
- Apache Airflow
- SQL (PostgreSQL)
- GIS (QGIS, ArcGIS)
- Python
- AWS (S3, ECS, EC2)

LANGUAGE

- Russian (native)
- English (C1)
- Estonian (A1)

PUBLICATIONS

KappaMask: AI-Based Cloudmask Processor for Sentinel-2 | 2021

- Co-author
- Developments for Sentinel-2 pre-processing software and visualization materials.