

Alexey Tarutin

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📁 git.138.io/atar

Computer skills

Languages	Python, R, bash, C	Development	Git, Jupyter
HPC Frameworks	MPI, OpenMP, SGE	Data Frameworks	Hadoop, Docker, TensorFlow
GIS/CV Frameworks	GDAL, OpenCV		

Education

Sep 2015–Aug 2017 **Master of Science**, *High Performance Computing with Data Science*,
Final year project: Investigating the performance of rasterisation methods in R,
University of Edinburgh.
with Merit

Aug 2010–May 2014 **Bachelor of Science**, *Applied and Computational Mathematics*,
Final year project: Image reconstruction in Magnetic Resonance Imaging,
University College Dublin, Dublin 4.
Second Class Honours, Upper Grade

Work experience

May 2016–Present **Geospatial Data Scientist**, GLOBAL SURFACE INTELLIGENCE LTD.,
A startup specialising in Earth remote sensing predictive analytics.

- Instrumental in redefining company's project structure.
- Improved efficiency and performance of technical work-flows.
- Defined and delivered some pivotal projects at early stages.

Tools used: R, Python, GDAL, bash, AWS, Docker, SGI.

Languages

English	Native proficiency	
Russian	Native proficiency	
German	Intermediate proficiency	CEFR B1.2

Volunteering

Aug 2016–Present **Instructor and helper**, SOFTWARE CARPENTRY EDINBURGH.

Aug 2016–Present **Instructor and helper**, DATA CARPENTRY EDINBURGH.

Jun 2016 **Student Volunteer**, ISC 2016.

Feb 2015–Mar 2017 **First Aider**, ST. JOHN AMBULANCE BRIGADE OF IRELAND,
Qualifications held: First aid certificate.