Vitalii Kuznetsov
Quantitative analyst

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/vitalii-kuznetsovphd

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About me

Passionate about coding and working with equations. Constantly seeking challenges. Eager to learn and improve myself.

Education

PhD in physics,
Université Grenoble Alpes, France, 2019 - 2022

MSc diploma with honours, major in physics,
Moscow State University, Russia, 2012 - 2019

Skills

Hard:
Data analysis, Igor Pro, math, C++, statistics.

Soft:
Autonomy, emotional stability, rigor, critical thinking.

Languages:
Russian - native,
English - C2,
French - A2.

Experience

PhD researcher
*Institut Laue-Langevin, France
2019-2022, 3 years.
Secondment: Westfälische Hochschule, Germany
2020, 1 year.*

- Project management;
- Data analysis automatization;
- Model evaluation and development;
- Production of scientific papers;
- Presentation of the results at international conferences.

Laboratory assistant
*Joint Institute for Nuclear Research, Russia
2015-2019, 4 years.*

- Data analysis and interpretation;
- The conduction of neutron diffraction experiments;
- Presentation of the results at international conferences;
- User support;
- Teaching.

Workshop assistant
*Omsk Scientific-Research Institute of Instrument Engineering, Russia
2011, 2 months.*

- Various kinds of assistance tasks.

Familiarised with

Python, machine learning, option pricing, principal component analysis, stochastic calculus, playing guitar.

Achievements

- 4 scientific papers;
- 9 conferences with oral or poster presentations;
- 1st place in the Doc4Office Flyer contest.

References:

Peter Fouquet
PhD supervisor,
Staff Scientist at Institut Laue-Langevin;
fouquet@ill.fr

Franziska Traeger
PhD co-supervisor,
Professor at Westfälische Hochschule;
franziska.Traeger@w-hs.de