

## PERSONAL INFORMATION

## Iaroslav Domin



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[idmn.me](https://idmn.me); [github.com/idmn](https://github.com/idmn)

Sex Male | Date of birth 28/07/1993 | Nationality Ukrainian

## WORK EXPERIENCE

Nov 2019 – Ongoing

**Data Scientist**

Adatype; [adatype.ai](https://adatype.ai)

- development of data analysis algorithms
- creation of interactive visualisation tools (R Shiny)
- creation of statistical reports
- database management (google bigquery)
- reading scientific publications on data analysis; creating summary reports of publications; implementing algorithms from publications

Jul 2015 – Nov 2019

**Clinical Statistical Programmer/Analyst**

Intego Group, LLC; [intego-group.com](https://intego-group.com)

- creation of various statistical outputs (interactive visualizations, static graphs, tables, listings)
- creation of analysis datasets (CDISC ADAM)
- writing specifications for analysis datasets (CDISC ADAM)
- quality control of datasets and statistical outputs
- prepared and held an internal course on R programming
- conference participation: Roche Regional SPA Conference (Welwyn, 2019)

## EDUCATION AND TRAINING

Sep 2014 – Jun 2015

**Clinical SAS Programming and Statistical Analysis**

Intego Group, LLC, Ukraine

- SAS programming
- CDISC standards
- Creation of CDISC datasets (SDTM/ADAM) and statistical outputs
- Clinical programmer working process

Sep 2014 – Jun 2015

**Master's degree in applied mathematics: Mathematician (applied mathematics), Researcher (area of computational mathematics)**

V. N. Karazin National University (Kharkiv, Ukraine)

- Statistics
- Mathematical Modeling
- Numerical Methods
- Complex Analysis

Sep 2010 – Jun 2014

**Bachelor's degree in applied mathematics**

V. N. Karazin National University (Kharkiv, Ukraine)

- Probability Theory, Statistics, Random Processes
- Programming, Algorithms and Data Structures, Databases
- Calculus, Functional Analysis
- Linear Algebra, Geometry
- Differential Equations, Differential Geometry
- Complex Analysis
- Computational Methods

## PERSONAL SKILLS

Mother tongue(s) Russian, Ukrainian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
IELTS: 7.0 (C1) (2017)					

Communication skills ▪ good communication skills gained through my experience of working in an international team

Job-related skills

Working as a clinical statistical programmer and as a data scientist:

- Programming languages: R - excellent, SAS – good
- data wrangling
- data visualization, including interactive visualizations, using Shiny and other R packages
- machine learning algorithms (incl. DNNs)
- R packages development
- git/github
- good knowledge of CDISC standards, understanding of drug development process
- Google Bigquery

Other skills

- Web scraping (pet data analysis projects in R, hosted on github)
- Python (ML-stack, limited experience)
- javascript (entry-level)

## ADDITIONAL INFORMATION

Honours and awards

- International Mathematics Competition for University Students: 2011 – II-nd prize.
- All-Ukrainian Mathematics Olympiad for University Students: 2011, 2012 – III-rd prize; 2014, 2015 – II-nd prize.
- All-Ukrainian Mathematics Olympiad among Schoolchildren: 2010 – III-rd prize.