Igor Popovic

Mathematician

- 09.07.1991.
- Banatsko Novo Selo, Serbia
- (+381) 066 66 16 962
- igor.popovic91
- ipopovic.ruler@gmail.com

Skills

Interests

Problem solving

Education

Data Visualization

Machine learning

Statistical Analysis

Languages

Education

2010-2014	**BSc., Mathematics**	University of Belgrade, Faculty of Mathematics

Belgrade, Republic of Serbia
GPA - $8.12/10$
Specialization in *Statistics, Actuarial and Financial Mathematics*

2006-2010	**Bank clerk**	Law-business school Belgrade

Belgrade, Republic of Serbia

Research

Feb 2015 - May 2015	**Data Visualization**	University of Belgrade, Faculty of Mathematics

May 2018 - May 2018	**Lean Six Sigma - yellow belt**	NIS j.s.c. Novi Sad

Completed two-day course in fact-based and data-driven philosophy of business and organizational improvement by reducing variation, waste and cycling time.

Experience

May 2019 - Present

Data Analyst
Codeplicity d.o.o. Novi Sad

- Analysis of large datasets in affiliate marketing business. Performing statistical and mathematical research for higher conversions in marketing affiliate business models PPC (Pay Per Click), PPS (Pay Per Sale), PPA (Pay Per Acquisition), PPL (Pay Per Lead), etc. Monitoring, visualizing and exploring data through website analytic tools: ELK - Elastic search, Kibana and Google Analytics. Providing research expertise and support to Core and Design team. Analysis of time series through indices and logs implemented in ELK, anomaly detection and changes through time. Tracking user experience through HotJar, A/A and A/B testing on each change of company's landing pages.

August 2018 - Present

Freelancer
Upwork - **math master**

- Working on various projects related to statistics and statistical programming. Successfully completed projects for a few international clients.

July 2017 - May 2019

Assoc. for Statistics and Analytics - HR Department
"HIP-Petrohemija"a.d.Pancevo

- Statistics part: Cooperating with Statistical Office of the Republic of Serbia, creating, editing and analyzing data for statistical surveys produced by Statistical Office for employment and earnings, prices of petrochemical products, industry production and consumption, energy, environment, science and investments.
- HR part: Data Analysis of Human Resources, preparing and analyzing data for future capital changes. One of my projects you can see *here*.

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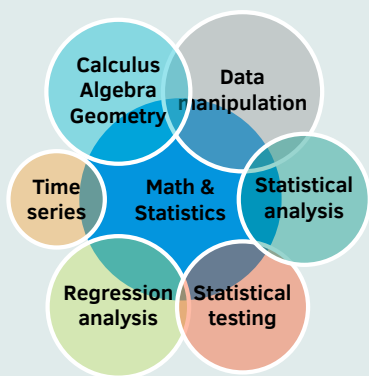 Banatsko Novo Selo, Serbia

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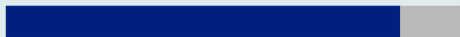
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Skills

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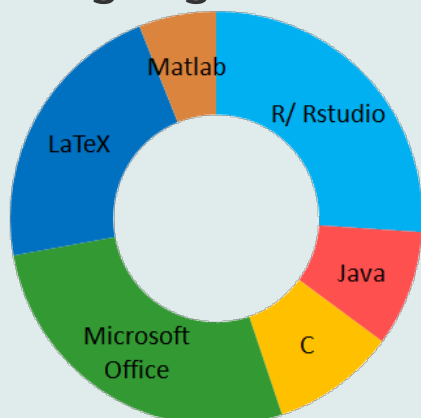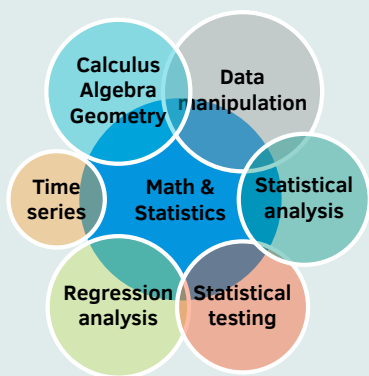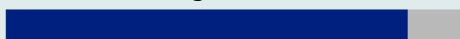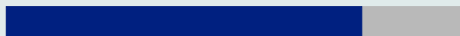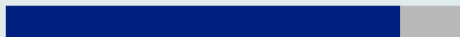Problem solving

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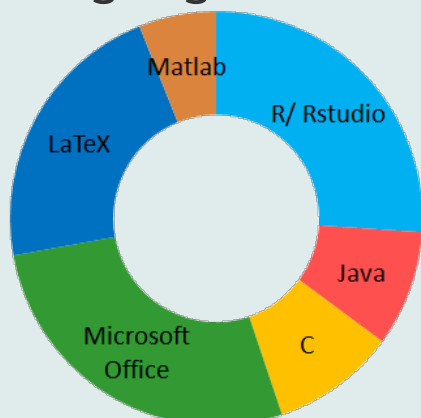
Apr 2017 - July 2017	**Data Processing Assistant III**
	GfK d.o.o. Belgrade

- Database administration and conversion of data, quality data check, data processing using internal applications and tools for Serbia, Croatia and Bulgaria. Optimizing data in accordance with given standards. Everyday communication with colleagues in order of database maintenance.

Jan 2015 - Apr 2017	**Assoc. for Statistics and Analytics - HR Department**
	"HIP-Petrohemija"a.d.Pancevo

- Statistics part: Cooperating with Statistical Office of the Republic of Serbia, creating, editing and analyzing data for statistical surveys produced by Statistical Office.
- HR part: Monthly and periodic HR analysis of human capital fluctuation, making HR Dashboards, Excel Spreadsheets and Workforce plans, analyzing satisfaction surveys.

Languages:
Serbian - Mother tongue,
English - Upper intermediate (B2),
German - Intermediate (B1),
Russian - Basic (A1)

Personal information

I am well organized person interested in statistics, mathematics and data science, capable of team and individual work and always ready for further improvements. I manage given situations with persistence and confidence. My main goals are exploring mathematics & statistics in science both natural and social.

In free time I usually go hiking through Serbia as a member of Mountaineering Association of Serbia. I like bowling, bicycling, and reading books.

For more than 6 years I am teaching mathematics for primary, secondary and university students (calculus, algebra, geometry and statistics).