

# Jelena Bugarin

DATA ANALYST | MAG. PSYCH.

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*I am a psychologist interested in data analysis, data science, and automation. Driven by curiosity and the need to understand how things are working, I am always ready to learn something new and switch things up in order to try and make stuff more efficient.*

## Experience

### USP Marketing Consultancy

October 2022 - Present

DATA ANALYST

Zagreb/Rotterdam

- automation of rewriting the old house style SPSS syntax into the new house style SPSS syntax using R and regular expressions
- being responsible for the quality of the data and analysis while conducting market research
- monitoring, programming, analyzing, and reporting research data

### Faculty of Transport and Traffic Sciences

November 2022 - December 2022

LECTURER

Zagreb

- giving workshops about basics of programming in R

### National Center for External Evaluation of Education

March 2019 - September 2022

DATA ANALYST (FULL-TIME STUDENT CONTRACT)

Zagreb

- creating automated, personalized R Markdown reports with results of selections and standardized tests
- conducting statistical and psychometric analysis (CTT (in SPSS and R) and IRT (in PARSCALE and R))
- coordinating and controlling data entry; conducting fraud detection analysis
- writing reports, scientific research, and giving conference talks

## Education

### Faculty of Humanities and Social Sciences

2018 - 2022

MAG. PSYCH.

University of Zagreb

- master thesis: Mediation Role of Study-Related Flow in the Relationship between Need for Cognition and Academic Success

### Faculty of Humanities and Social Sciences

2015 - 2018

BACC. PSYCH.

University of Zagreb

## Volunteering

### Psychology Students' Club "STUP"

October 2019 - November 2020

RESEARCH SECTION LEAD

Zagreb

- organizing and leading Section meetings
- helping colleagues in designing and conducting research
- organizing lectures about methodology and statistics

## Projects

### 30th Summer School of Psychology

March 2020 - October 2020

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Zagreb/Zalesina

- designing and conducting a research with student colleagues (under the supervision of university professors) about geek culture in Croatia

### Case Study Competition

May 2017

ESTUDENT (L'OREAL)

Zagreb

- entered finals in the Case Study Competition for L'Oreal Dercos marketing campaign case
- conducting market research and developing a marketing plan

# Certifications

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## Intro to SQL

KAGGLE

September 2022

## Intro to Machine Learning

KAGGLE

August 2022

## Data Analysis with Python

FREECODECAMP

July 2022

## Scientific Computing with Python

FREECODECAMP

April 2022

## Code in Place 2021

STANFORD

May 2021

# Skills

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## Computer skills

MS OFFICE, GIT/GITHUB, REGULAR EXPRESSIONS

## Programming languages

R (MARKDOWN), PYTHON, SQL

## Reporting skills

DATA WRANGLING, DATA VISUALIZATION

## Research skills

METHODOLOGY, STATISTICS, PSYCHOMETRICS

# Publications and Conferences

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1. Ćurković, N. (Ed.). (2020). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2018./2019.* National Centre for External Evaluation of Education.
2. Ćurković, N. (Ed.). (2021). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2019./2020.* National Centre for External Evaluation of Education.
3. Bugarin, J. (2021). *Koji si lik iz serije the good place?* [Interactive webpage]. PsihoFest, Zagreb, Croatia.
4. Ćurković, N., Mikulić, G., & Bugarin, J. (2021). *From Alpha to Omega Index: Psychometric Detection of Exam Cheating.* [Conference session]. The 25th ramiro and zoran bujas days, Zagreb, Croatia.
5. Bugarin, J., Lukačin, L., Mikulić, G., & Ćurković, N. (2021). *Samoregulacija Učenja Maturanata Za Vrijeme Nastave Na Daljinu Tijekom Socijalne Izolacije.* [Conference session]. The 25th ramiro and zoran bujas days, Zagreb, Croatia.
6. Ćurković, N. (Ed.). (2022). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2020./2021.* National Centre for External Evaluation of Education.
7. Ćurković, N., Bugarin, J., & Lukacin, L. (2022). Psychological distress of high school graduates during social distancing in croatia. *European Journal of Mental Health*, 17(2), 20–30.
8. Ćurković, N., Bugarin, J., & Fulgosi, S. (2022). *Data Forensics or How to Watch the Assessment in the Times of Pandemic.* [Conference session]. AEA-europe 2022, Dublin, Ireland.