

# Mateusz Tomczak

E-Mail | Phone | Website  
mmtomczakk@gmail.com | +48 666 226 321 | <https://mmtomczak.github.io/>

## Skills

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**Technical:** Python (*numpy, pandas, seaborn, matplotlib, requests, regex, text mining, OOP*), OLS modelling, Time-Series analysis, SQL, HTML, CSS, C++, R, MS Office

**Languages:** English (C1), German (A1), Polish (native speaker)

## Experience

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**Citibank Europe PLC, Warsaw**

Internship, 11.2022-12.2022

Transaction Control Department

- Transactions analysis, validation, and processing

## Education

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**University of Warsaw, Faculty of Economic Sciences**

Informatics and Econometrics, *bachelor's degree*

## University projects

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**Adventure game** <https://github.com/mmtomczak/PythonGame>

- Creation of simple adventure game using Python language
- Utilization of Object-Oriented Programming principles

**Spotify API playlist analysis** <https://github.com/mmtomczak/DDR-ZJP-Project>

- Usage of Spotify API to download playlist and song data
- Data analysis and visualisation in Python

**Linear regression model** <https://github.com/mmtomczak/econometricsFinal>

- Building model using Python language based on database of choice
- Model testing and interpretation

**Time-series analysis and forecasting** <https://github.com/mmtomczak/TSA-project>

- Building ARIMA/SARIMA model to forecast two datasets
- Model quality assessment and comparison

## Student activities

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**Koło Naukowe Strategii Gospodarczej (KNSG), University of Warsaw**

- Support in event organization
- Taking part in conferences

## Interests

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Data Science

Programming

Economics

Architecture

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