



# Balázs Gábor Nagy

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## Studies, experience

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<a href="#">College membership</a>	2022 April —	Heller Farkas College of Advanced Financial Studies
<a href="#">Macroeconomics T.A.</a>	2023 September — 2024 January	Corvinus University Budapest
<a href="#">Calculus T.A.</a>	2022 September — 2023 January	Corvinus University Budapest
<a href="#">Applied Economics B.Sc.</a>	2021 September — 2024 June	Corvinus University Budapest

## Technical knowledge

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[Econometrics, dataanalysis](#) R, Python  
Including cross-sectional, panel and timeseries data analysis.

[Microsoft Office](#) VBA, Excel, Powerpoint, Word, Access

[Programming](#) R, VBA, Bash, Python, C, C++

[Data visualisation](#) Tableau, R (GGplot, Leaflet, RShiny)  
With spatial- and time series data.

[Machine learning](#) R, Python  
Tree models, Lasso, Logit and MARS regressions, clustering, PCA komponent analysis

[Data transformations, webscraping](#) R (rvest), Python (bs4)  
Examples: [ingatlan.com](http://ingatlan.com), [hasznaltautok.hu](http://hasznaltautok.hu), KSH Timea.  
(In more detail in the projects section)

[Linux](#) 3 years server, 5 years PC experience

## Abilities

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### Economics Knowledge

Knowledge of financial and economics concepts, their connections, and econometrical calculation, usage of them.

### Problem solving

Dividing larger, complex problems into smaller bits, and solving those bit by bit

### Precise, attention to details

I like to double check the smaller details as well  
and hold myself and my work up to a high standard

### Proactivity, love of learning

Able to self-teach, for example learnt programming, scraping this way

### Languages

English (C1), German (B1), Hungarian (Native)

## Projects, Pet projects

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### Hasznáلتautók.hu

Data analysis, webscraping

I scraped the website (used to sell used cars), and analysed the data  
using mainly regressions and descriptive statistics

### Ingatlan.com

Data vis., webscraping

Webscraping of the site (used to sell properties), and visualised the data  
Links: visualisations based on [price](#) and [nearest train station](#)

### Automatised downloading BÉT transactions

R, Bash, MySQL

Automatised program that downloads stock transactions from Portfolio.hu  
and then inserts them into a MySQL database

### Snake for calculators

C language

The well known snake game for TI89 calculators ([github link](#))

## Free time activities

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### Sports

Bouldering, running and pretty much any other sports as well

### IT

All sorts of programming, as seen above, mainly in R  
Hosting services on own server

### Photography

Taking pictures of family, friends, nature, buildings