

# MARIAN GLOSER

Email: 3177975@studbocconi.it

## Personal data

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Date and place of birth: 10/01/2002 Žilina (SK)

Nationality: Slovak

Linkedin account: Marián Gloser

Website: <https://mariangloser.github.io>

## Education

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**Università Bocconi**, Milan, Italy

September 2021 - Present

BACHELOR in MATHEMATICAL AND COMPUTING SCIENCES FOR  
ARTIFICIAL INTELLIGENCE

Language of instruction - English

**High School - Gymnázium Bytča**, Bytča, Slovakia

September 2017 - June 2021

Maturita Exam, subjects Mathematics - Excellent, Physics - Excellent,  
English Language (B2) - Excellent, Slovak Language - Excellent

## Language skills

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Slovak: fluent (mother tongue)

Czech: fluent

English: fluent (C1 - Bachelor degree with English as a language of instruction)

Italian: very good (B1 - Italian course at university - 30 cum laude, study abroad)

German: good (high school course - no examination)

## IT skills

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Programming languages: Python (very good) - including experience with machine learning libraries such as ScikitLearn, Pytorch, Numpy, Pandas

C (good)

R (good)

HTML, CSS, JavaScript (beginner)

Other computer skills: LaTeX (very good), Microsoft Excel (very good), Microsoft Word (very good), Microsoft PowerPoint (very good)

## Additional Activities

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### University Projects:

- Socioeconomic Factors affecting Crime Rates Worldwide - Research project for Mathematical Statistics
- Cell classification based on DNA sequencing - Research project for AI Lab
- Classifying neurons of mice by brain regions using neural activity - Mathematical Modelling for Neuroscience

### Personal Projects:

- MNIST dataset classification based on KNN
- Real-time n-body simulation with functional UI in Python

### Personal Research:

- Introduction to Irrational Numbers (Unpublished)
- Intuitive but rarely proven Theorems (Unpublished)
- On the Sums of Powers of Natural Numbers (Unpublished)

## Hobbies

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Interests: Mathematics and history of Mathematics and Science, AI and machine learning, piano, drawing, card magic, chess, cooking