



# Matej Ciglencečki

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[github.com/matejciglencecki](https://github.com/matejciglencecki)

## Experience

10.2020. – 10.2021.

- Software Engineer – [Memgraph](#)
- designing SQL database and writing feature specs for Memgraph Cloud's backend
  - implementing backend for Memgraph Cloud (**node.js**, **TypeScript**, **Sequelize**, **postgres**)
  - writing unit and integration tests (**Jest**)
  - setting up **Elastic Stack** on **AWS EC2** to analyze application's logs from **AWS CloudWatch**
  - creating [educational lessons](#) (**Memgraph**, **Cypher**), transforming datasets to a graph dataset (**node.js**)

07.2020. – 10.2020.

- Software Engineer Intern – [Memgraph](#)
- implementing geographic graph data visualization in Memgraph Lab (**Leaflet**, **vis.js**)
  - refactoring codebase via design patterns (**TypeScript**, **Angular**)
  - writing a [summary blog post](#)

07.2019. – 08.2019.

- Technical assistant – Conty Plus
- file parsing and data transformations (**Python**)

## Education

2021. – present

MSc Computer Science – [Faculty of Electrical Engineering and Computing](#), Zagreb

2017. – 2021.

BSc Computer Science – [Faculty of Electrical Engineering and Computing](#), Zagreb

2013. – 2017.

School of Electrical Engineering – Computer Technician, Zagreb

## Skills

web dev backend  
web dev frontend  
databases  
data science  
machine learning  
data science  
script languages  
low-level programming  
object oriented programming

advanced knowledge (**node.js**, **Sequelize**, **TypeScript**)  
intermediate knowledge (**React**, **Angular**, **TypeScript**, **HTML**)  
elementary knowledge (**postgres**, **SQL**, **Memgraph**, **Cypher**)  
intermediate knowledge (**R**, **Python**, **numpy**, **pandas**, **matplotlib**)  
intermediate knowledge (**PyTorch**, **scikit-learn**)  
intermediate knowledge (**postgres**, **SQL**, **Cypher**)  
intermediate knowledge (**Python**, **bash**)  
intermediate knowledge (**C**)  
elementary knowledge (**Java**)

## Workshops

2020.

Soft skills academy (1 week) – leadership group

2019.

DataCrunch (1 week) – data science academy

- R, machine learning, finance
- predicting bankruptcy of Croatian companies

2019.

AG04 – Spring Boot Summer School (2 months)

- web application (Java Spring)
- hackaton with a group of 5 people

2018.

DataCrunch (1 week) – data science academy

- R, machine learning, finance

2017.

Tourism culture 2017 – „Moj Zagreb kak imam te rad“

- directing, recording and video editing
- collaboration with Tourist Board Zagreb

## Languages

English  
German

fluent proficiency  
elementary proficiency

## Hobbies

Cooking, body-weight exercising, running, reading, photography, learning Computer and Data Science