Matej Ciglenečki

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Experience

10.2020. – 10.2021.	**Software Engineer – Memgraph**
	– designing SQL database and writing feature specs for Memgraph Cloud's backend
	– implementing Memgraph Cloud's backend (**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 csv datasets to graph datasets
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	advanced knowledge (**node.js, Sequelize, TypeScript**)
web dev frontend	intermediate knowledge (**TypeScript, HTML, React, Angular, CSS**)
databases	intermediate knowledge (**postgres, SQL, Memgraph, Cypher**)
data science	intermediate knowledge (**R, Python, numpy, pandas, matplotlib**)
machine learning	intermediate knowledge (**PyTorch, scikit-learn**)
data science	intermediate knowledge (**postgres, SQL, Cypher**)
script languages	intermediate knowledge (**Python, bash**)
low-level programming	intermediate knowledge (**C**)
object oriented programming	intermediate knowledge (**Java**)

Workshops

2020. (1 week)	Soft skills academy – leadership group
2019. (1 week)	DataCrunch – data science academy
	– predicting bankruptcy of Croatian companies with machine learning techniques in R
2019. (2 months)	AG04 – Spring Boot Summer School
	– going through a Java Spring course
	– building a web application with Java Spring in a 2-day hackathon in a group of 5 people
2018. (1 week)	DataCrunch – data science academy
	– predicting bankruptcy of Croatian companies with machine learning techniques in R
2017.	Tourism culture 2017 – „Moj Zagreb kak imam te rad"
	– directing, recording and editing a video which promoted city of Zagreb
	– collaboration with Tourist Board Zagreb

Languages

English	fluent proficiency
German	elementary proficiency

Interests

Computer science, data science, machine learning, statistics,
competitive programming, finance, leadership, team cohesion,
communication, soft skills, personal development, health, privacy, music

Hobbies

Cooking, body-weight exercising, running,
reading, photography, learning, side-projects