

**Mislav Vuletić**

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in/MasterMedo

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## RELEVANT WORK EXPERIENCE

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### Lead Growth Engineer at Memgraph Ltd.

Mar 2021 — Present

- built streaming graph applications at a biweekly cadence, by identifying market gaps and pursuing opportunities, leading to 4–7% growth in key product indicators week-over-week
- set up company-wide analytics (product and marketing), by creating a number of scripts to gather data, resulting in producing tangible goals and a way to track progress, raising morale in the team
- consolidated all website sub-domains to sub-directories, by utilizing the power of Cloudflare workers, leading to higher search engine rankings and improved control over the website content
- reduced project duration by 50%, by streamlining the process and improving team coordination
- published product packages, by packaging, containerizing, and maintaining Docker and Python packages, resulting in wider adoption and superior ease-of-use
- **tech stack:** Memgraph, Kafka, Redis, Docker, AWS, Cloudflare, Flask, Node.js, React, Vue, Rust, Go

### Freelance Software Engineer and Programming Instructor

Feb 2019 — Mar 2021

- developed multiple APIs and increased test coverage by 70% in three codebases, enabling improvements on long untouched code
- taught algorithms and data structures, helping clients stay motivated and accomplish their goals
- **tech stack:** .NET Core, Spring, Flask, C#, Java, Python

### Lead Software Engineer at Addiko Bank d.d.

Feb 2019 — Sept 2019

- created a unified API system to query data warehouses from multiple banks, by designing and developing an object relational mapper, increasing loan approval calculation precision by 5%
- mentored a team of two analyst-turned-software-engineers, by teaching them system design and software engineering principles, helping them accomplish their goals and transition successfully
- **tech stack:** C# .NET Core, SQL, Swagger

## EDUCATION

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### Master's degree, Computer Science

Sept 2018 — July 2020

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia  
Poznań University of Technology, Faculty of Computing, Poland (Student Exchange)

### Bachelor's degree, Computer Science

Sept 2015 — July 2018

University of Zagreb, Faculty of Electrical Engineering and Computing, Croatia

## RELEVANT PERSONAL PROJECTS

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featured on  GitHub

### Typetest

Aug 2019 — present

- built a terminal application for testing, analysing and improving typing speed
- created and published a PyPI package, by collaborating with the open source community to create a superior product, increasing user typing speed by 10% month-over-month

### Workout repetition counter

Aug 2021 — present

- designed and built an application for counting exercise repetitions using computer vision
- formed and lead a team of software engineers, computer vision researchers, a data analyst and a personal trainer to create a minimum viable product in 48 hours
- **tech stack:** Tensorflow, OpenCV, Python, pandas, React Native

## COMPETITIONS

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- Advent of Code — reached **top 100** several times
- Google HashCode 2020 — **1st** in cluster, top 3 in Croatia
- Croz CodeQuest 2017 — **3rd** and 7th place