Mislav Vuletić

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in/MasterMedo
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EDUCATION

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 WORK EXPERIENCE

Software Engineer at Memgraph Ltd.   **Mar 2021 — Present**
 ::== doing things that need to get done

Programming instructor   **Dec 2017 — Present**
 ::== teaching high school and university students advanced algorithms and data structures, objective oriented programming
 ::== teaching students python/STL and C#/.NET Core

Software Engineer at Addiko Bank d.d.   **Feb 2019 — Sept 2019**
 ::== designed and developed an **Object Relational Model system**, a translator between objects, JSON files and relational databases
 ::== **mentored** a team of two
 ::== built a **REST API** using *C#'s* library *ASP.NET Core* and *swagger*
 ::== implemented calculations on retail clients' data for an automated loan approval system

RELEVANT PERSONAL PROJECTS   featured on GitHub

Typetest   **Aug 2019 — present**
 ::== built an extensible terminal application for testing typing speed
 ::== processed 100,000 rows of data with *pandas* discarding outliers
 ::== plotted typing speed per letter, digraph, word and test

TECHNICAL SKILLS

Strong proficiency in Python
 ::== used in competitive programming and mentoring
 ::== built an **Artificial Intelligence** agent for DotA 2 (tpg, ddqn, lstm)
 ::== built several **REST API**s using *flask, sqlalchemy, marshmallow, restx*, with a *React* frontend
 ::== built numerous terminal applications with *blessed*
 ::== used in most university and terminal projects

COMPETITIONS

 ::== 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

ABOUT ME

I am a long time **Vim** and **Arch Linux** user with a strong passion for problem solving. My interests lie in technology, parallelisation, solution development and scalable systems. Be it programming puzzles or production-ready applications I have a strong sense of ownership. I tend to thrive under pressure, as tight deadlines make me more diligent. Compared to peers I can be rash in the heat of the moment. I belive in kindness and transparency.

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