Mislav Vuletić

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in/MasterMedo
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— goal —
"Be surrounded by conscientious people"

EDUCATION

Master's degree, Computer Science   **Feb 2019 — 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

WORK EXPERIENCE

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

Advent of Code   **Dec 2015 — present**
::== am one of 400 people in the world that holds all gold stars

Analysing daily expenses   **Sept 2018 — present**
::== processed daily expenses using *python*; *numpy* and *pandas*

::== created insightful infographics with *pyplot*

::== tried to predict future expenses using **regression analysis** with *scikit-learn*

TECHNICAL SKILLS

Python
::== built an **Artificial Intelligence** agent for DotA 2

::== built a **REST API** using *flask, sqlalchemy, marshmallow, restx*

::== built numerous terminal applications and games with *blessed*

::== solved more than 500 competitive programming tasks and puzzles

C# and Java
::== built several backend **REST APIs**, with **OAuth 2** security

::== built mock applications e.g. handful of parsers, a graph plotter, a ray casting renderer

other: SQL, C, html, css, MongoDB, AWS, React

ABOUT ME

I spend most of my time in **Neovim** and **Arch Linux** problem solving and programming. My daily activities include programming, tutoring mathematics and coding to several students and running. 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.