

# Curriculum vitae

## Mateja Vujsic

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## about me

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•Name: Mateja Vujsic

•Date of birth: 29. 4. 1998.

•Nationality: Serbian

•Languages: Serbian, English, German

•Education:

First Grammarly School, Kragujevac 2013. - 2017.:

Faculty of Engineering Science, Kragujevac, 2017. - 2022. - Bachelor's degree -  
Electrical engineering and CS:

Faculty of Engineering Science, Kragujevac, 2022. - now. - Master degree study:

## personal profile

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•Email [mateja.vujsic@gmail.com](mailto:mateja.vujsic@gmail.com) and [mateja.vujsic@protonmail.ch](mailto:mateja.vujsic@protonmail.ch)

•Phone +381 066 375 065

•Github [github.com/mvujsic](https://github.com/mvujsic)

## technical skills

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•Languages Python, C#, Java, C, C++, Bash, Arduino, SQL, Node.JS, PHP

•Markup jinja2, XAML, HTML,  $\text{\LaTeX}$ , Pug

•Tools Linux, Git, MySQL, SQLite, Pycharm, Atom, VisualStudio, MPLab IDE, Solid-  
Works, Microsoft Office, LibreOffice

## experience

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•Tim-ing Center D.O.O

**Date:** 03.2021.-06.2021.

**Position:** C# Junior Developer and PLC ladder logic engineer

**Worked on:** C# WPF main program working on Windows Embedded, handling a depth and color matrix streamed by Kinect v1 and v2 cameras with Kinect SDK;  
Ladder logic program development, working mainly with **FATEK and OMRON** equipment, FATEK and Modbus communication protocol and WinProLadder IDE.  
**MySQL** database administration.

●**Astora IT Remote Consulting Company - remote UpWork agency**

**Date:** 10.2021.-11.2022.

**Position:** Junior Python Backend Developer - remote

**Worked on:** Majority of work include data scraping and analytics, developing **GUI application** and web-application with user inputs (mostly in **Flask/Django/Plotly Dash/Quart**), reverse engineering https sites with login and captcha secured (python libs **Requests, Selenium, TwoCaptcha solver, HCaptcha solver**) and extraction of requested client data - python scripting for job automation. Using **asyncio** module on daily bases.  
Using tools like **Linux, Git, PyCharm, VS Code** on daily basis.  
Familiar with async programming concepts, and legacy codebase. **MySQL, SQLite, PostgreSQL** database administration with advance queries and ORM modules.  
**Heroku and NGINX** deployment process with gunicorn and uvicorn - reverse proxy sites.  
**Facebook Marketing API and Google Analytics API** scripts .

●**Red-Black Tree - Belgrade**

**Date:** 11. 2022. - now

**Position:** Junior Python Backend Developer - remote

**Projects:**

●**IMentor 11.2022 - 05.2023 Backend**-majority of work-opening endpoint in Flask framework, Marshmallow-for validating schemas (loading/dumping), RQ-used for background task, Flask-SQLAlchemy with advance queries with relationship loading technics, Unit Testing, Flask-Alembic, Postgres, Integrations-Twilio/Tableau/SF, Vagrant as local environment - basics, Git-advance and complex workflow, Jira/Confluence, Harvest-for tracking work hours

●**Problemshared 05.2023 - now Backend** Flask framework, Marshmallow-for validating schemas (loading/dumping), RQ-used for background task, SQLAlchemy with advance queries with relationship loading technics, Alembic, Postgres, Integrations-Auth0/Mailgun/Zendesk/Sembla Docker as local environment, Terraform-basics, AWS-mainly searching Logs Insight Git-advance and complex workflow, Jira/Confluence, Harvest-for tracking work hours

●**Student projects**

**Projects:** Database designs for systems such as shop,company...

Web scraping and data mining

Arduino (Uno,Mega,Nano), Esp8266, Esp32, RaspberryPi SenseHat programming

DIY Smart home appliance with ESP8266

C# WPF, Java JFRAME, Python PYQT5 project connected to local database

**Python:** Celery project-alternative for RQ, find it on my Github

## hobby

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●**Programming microcontrollers**

●**3D modeling in SOLIDWORKS**

●**Linux enthusiast**