Gašpar Dončević
Zagreb, Croatia

gaspar.doncevic@outlook.com
https://gaspardoncevic.github.io

EDUCATION

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

Masters Degree in Electrical and computer engineering   October 2022 – July 2024
- Masters Thesis *Designing a new generation system for High Density surface Electromyography*

Bachelors degree in Electrical and information technologies   September 2018 – September 2022
- Final Project: *Data Transfer to external memory during microcontroller programming*

WORK EXPERIENCE

SES-imagotag

Junior Firmware engineer   March 2022 – November 2022
- Data transfer optimization to external microcontroller memory

PERSONAL PROJECTS

Arduino automated plant watering system   June 2020
- Arduino board connected to soil moisture sensors and water pumps to water each plant based on individual plant needs

Python script for real-time data acquisition from a virtual communication port   December 2020
- Implemented a multithreaded python script for reading and displaying data from a virtual communication port

VOLUNTEER WORK

Electrical engineering students Club (KSET)

Computing section member   January 2022 – Today
- Internal club projects
  - Electronic door lock
  - Portable body thermometer with data storage for cyclists

TECHNICAL SKILLS

Intermediate	**C**, **Python**, **MATLAB**, **GDB**
Novice	**GIT**, **Java**, **LaTeX**, **SEGGER J-link**, **C#**

PLATFORM EXPERIENCE

ST Microelectronics, **Espressif**, **Silicon Labs**, **Arduino**

OTHER SKILLS AND INTERESTS

languages	Croatian (native), English (fluent), Njemački (basic)
Interests	Space industry, Computer-brain interfaces, active prosthesis and board games