✉ tajana.cvija@gmail.com

🌐 tajana-py.github.io/tajana-website/

📍 Croatia

SKILLS

Engineering · Automation · Siemens-S7 · Siemens TIA Portal · MATLAB · Simulink · AI · Machine Learning · Computer Vision · YOLO · Python · JavaScript · Object-Oriented Programming · Full-stack Web Development · User Authentication · APIs · React.js · Git · GitHub · Web3 · QA Engineering · Cypress · Selenium · Databases · MongoDB · SQL · PostgreSQL · Data Science · Plotly

LANGUAGE

English – C2

German – B2

Spanish – A2

TAJANA CVIJA

ABOUT ME

I am a motivated 25-year-old Master of Electrical Engineering specialized in Automation, with growing expertise in programming languages such as JavaScript and Python. I am particularly interested in full-stack web development. I easily adapt to new challenges and am committed to continuous learning and personal growth.

EDUCATION

Master of Electrical Engineering (Automation)
University of Rijeka, Faculty of Engineering, Rijeka, Croatia
2020 - 2022

Detekcija karcinoma mokraćnog mjehura korištenjem YOLO algoritma / Urinary bladder cancer detection using YOLO algorithm

magna cum laude

Bachelor of Electrical Engineering
University of Rijeka, Faculty of Engineering, Rijeka, Croatia
2017 - 2020

Primjena z-transformacije kod problema rekonstrukcije signala / Application of z-transform in signal reconstruction problems

magna cum laude

COURSES

The Complete Web Development Bootcamp
Udemy
July 2023

100 Days of Code: The Complete Python Pro Bootcamp
Udemy
April 2023

Tajana Cvija

EMPLOYMENT

March – December, 2021
Slader
Expert Contributor
giving instructions for solving and solving problems in mathematical and technical subjects for universities and high schools

INTERNSHIPS

July, 2021
Agenor automatika d.o.o.
Intern
completed training for new employees

July, 2019
HE Vinodol
Intern
participation in the overhaul of the plant in Tribalj

AWARDS

The Dean's Award for commitment and achieved academic success
University of Rijeka, Faculty of Engineering, Rijeka, Croatia
2020

The Dean's Award for commitment and achieved academic success
University of Rijeka, Faculty of Engineering, Rijeka, Croatia
2018

PUBLICATIONS

Urinary bladder cancer detection using YOLOv5 algorithm
Ri-STEM-2022 Proceedings
Jun 15, 2022

Tajana Cvija, Karlo Severinski

Object detection model for parked car detection using YOLOv4 algorithm
Ri-STEM-2022 Proceedings
Jun 15, 2022

Karlo Severinski, Tajana Cvija

Multiple medical images extraction from DICOM and conversion to JPG using Python
Ri-STEM-2021 Proceedings
Jun 11, 2021

Tajana Cvija, Karlo Severinski

Medical data annotation and json to dataset conversion using LabelMe and Python
Ri-STEM-2021 Proceedings
Jun 11, 2021

Karlo Severinski, Tajana Cvija