



TOMISLAV BABAC

COMPUTER ENGINEERING SOFTWARE DEVELOPMENT

WORK EXPERIENCE

📍 Ulica Kneza Višeslava 5,
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01/07 - 01/08/2014.

Rent a boat service

Booking and renting service, On-Site

01/07 - 24/08/2015.
01/07 - 01/09/2016.
01/07 - 01/09/2017.

Restaurant Tropicana Vodice

Bartender

01/07 - 01/09/2018.

Bamboo Coffee Shop Plava Plaža Vodice

Waiter and Barmen

01/07 - 01/08/2019.
01/07 - 01/09/2020.
01/07 - 01/09/2021.
01/07 - 01/09/2022.
01/07 - 01/09/2023.
01/07 - 01/09/2024.

Parking Dulcin, Vodice

Controlling and billing Private Parking

Dates are approximate, but fairly accurate

SKILLS

LANGUAGE

Croatian ■■■■■■
English ■■■■■■

TOOLS

Git, Github, Visual Studio,
VS Code, React, mySQL,
Arduino IDE, Swagger (Open
API), Postman, MATLAB.

PROGRAMMING LANGUAGE

C, C++. C#, Javascript,
Python, Verilog.

PERSONAL SKILLS

Team player, excellent
communication skills,
adaptive and quick to learn,
positive attitude, reliable
and self-motivated, detail-
oriented.

MEMBERSHIPS

Member of the association
"Udruga Mladih Bokon" –
Established with the aim of
creating cultural and
entertainment events for
young people.

INTERESTS & HOBBIES



Science & Psychology



Sports



Gaming



Nature

EDUCATION

2014. - 2019.

Tehnička škola Šibenik

Computer Technician for Mechanical Engineering
<http://ss-tehnicka-si.skole.hr/>

2017.

Erasmus+ Project in Seville

Program was 3 weeks in Seville for High School students.
Design and print 3D models in SOLID WORKS and ACAD.

2019. - present

University of Split - FESB

Faculty of Electrical, Mechanical Engineering and Naval
Architecture - Computer Engineering

2023.

Erasmus+ Student Mobility

Faculty of Electrical, Erasmus mobility in Paris for 4
months. Writing undergraduate thesis on ESME faculty
in Paris.

PROJECTS

- Reading and Cloning RFID Cards using Proxmark3 RDV4.01
- Simple Game with switches and LED lights using Spartan3E starter kit in Xilinx ISE program. FPGA programming using Verilog HDL
- FFT algorithm on Arduino
- Simple CUDA programming
- Web API with frontend and backend (C#, .NET. Git)
- Fully operational webpage using React(HTML, CSS, JavaScript)
- Application for transmitting video and telemetry data from an unmanned aerial vehicle (Drone) in real time - *in progress*