

SZASZ FRANCISC

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27/08/1996 (26 Years old) francisc_szasz@aol.com

Tech enthusiast aspiring to become a software developer

WORK EXPERIENCE

JUN 2022 - JULY 2022 - **Customer support representative**

at Computer Generated Solutions

Worked during the summer vacation. Providing customer support for AOL, selling memberships and documenting cases.

JULY 2019 - SEPT 2019 and JULY 2020 - SEPT 2020 - **TIG Welder**

at Niemann Leichtbeton GmbH

Worked during the summer vacation, I was responsible with welding iron bars, which were used in iron-concrete forms.

SEP 2017 - APR 2018 - **Quality Control/Quality Assurance**

at KED

Inspecting the final product so that it is ready for shipping.

MAY 2016 - JUNE 2017 - **Electrical Conductors Producer**

at CableTeam

Production of insulated automotive conductors using a plastic machine. Manufacturing different size of conductors and colours based on the orders. Managing raw materials, and inspecting the condition of the cable before entering quality phase.

EDUCATION

July 2022 - Present - Freshman.

MASTER'S DEGREE, TRANSILVANIA UNIVERSITY OF BRASOV

Faculty of Mathematics and Informatics – Master's of Internet Technologies

July 2022 – Graduated with the mark 9.4

BACHELOR DEGREE, TRANSILVANIA UNIVERSITY OF BRASOV

Faculty of Electrical Engineering and Computer Sciences

July 2015

BACCALAUREATE, LICEUL “ST. O. IOSIF. ” RUPEA

Mechatronics

SKILLS

Basic	Intermediate	Advanced
Java	HTML	Target3001
C++	CSS	Proteus
Python	Javascript	LTspice
react.js	Arduino	Falstad
github	C	TinkerCad
	Web developing	

Languages spoken

Basic	Intermediate	Advanced	Native
German		English	Romanian
Spanish			Hungarian

PROJECTS

INTEGRATED HIGH-FIDELITY POWER AMPLIFIER

- The project consists of 2 class AB power amplifiers and a preamplifier. They are supplied by 2 custom made power supplies, 12V for the preamp, and 45V for the amp.
- The preamp has a tone control embedded which is used to boost certain frequencies. The amp consists of 2x4 IGB transistors which amplify the current and a power of about 200W RMS is obtained.
- Circuit boards were made using Target3001 and produced by JLCPCB.
- For simulations i used LTspice and Falstad.
- An arduino based monitoring system is reading the voltages and temperatures, and displays them in order to have a brief idea about system overall state

THE PRESENTATION WEBSITE OF THE AMPLIFIER

I've developed a website that presents the bachelor project step by step, technologies used are html,css,javascript, the website is still being updated, it's not yet finished.

<https://franc51.github.io/BachelorDegree/>

BMI calculator in JAVA

I've developed a software in JAVA that plots the BMI(body mass index) of a person, based on the values entered. The software has a GUI and is easy to use. Also it gives advices based on the result, about how to live a healthy life or what diet to choose.

RECIPE management system

I've developed a software in JAVA, with the framework Netbeans, which stores recipes in a database system. The software is capable of adding, editing or removing data from the database. It has a GUI and is easy to use. I used XAMP server as the mysql database.

VEHICLE inspection platform

I've developed a website for vehicle technical inspection verification. The website has the possibility to add, edit, or remove vehicles from the database. The user first has to login, then he is ready to enter data into the fields. After completion, user can click on submit and the data is sent to XAMP server(mysql database). User can not edit or remove vehicles without permission from administration, login of administration is required.

https://franc51.github.io/Car_Verification_Platform/

Product promotion website

I've developed a website for my product where I present it as a product which has a price. Technologies used are html/css/js, the website has a pleasant look and gives information about the product.

<https://franc51.github.io/novabit/>

Youtube Channel Website

I've developed a website for my youtube channel, styled entirely with bootstrap.

<https://franc51.github.io/Francisc-Records/>

ACTIVITIES

In my spare time, I love playing video games and creating music. I'm using Fruity Loops Studio for 10+ years, and became a pretty good creator. Recently i'm focused on creating Lo-Fi beats, which are mainly made for listening in the background while sleeping or doing homework :)

Also I play the piano and the guitar.