VLAD MACARIE

Bachelor Student

@ vladmacarie06@gmail.com   in vladlink   📍 Eindhoven, The Netherlands

EXPERIENCE

Using different protocols like UART, GPIO, etc.
Technical University Eindhoven

- Experience working in a team aiming to program a vehicle for maximum energy efficiency while also testing the vehicle in different tests (wind tunnel, dynamometer, rolling resistance, etc.).

ECU Tuning Simulink
Technical University Eindhoven

- Experience using Simulink and Matlab to create a cruise control system, while also simulating the result on a Euro-Truck-type Unity game and controlling it via a PYNQ.
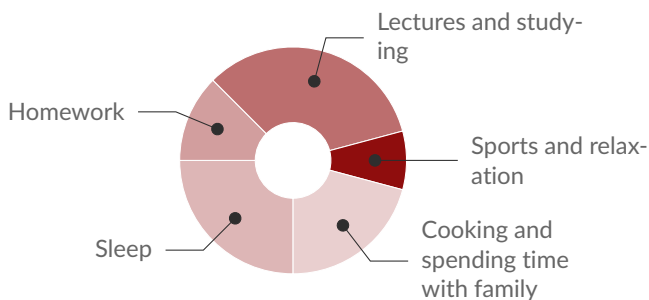
VOLUNTEERING

Marisfest
Motorsport and Music Festival

- This experience made me learn how to work in a team, while also being my first experience of helping other people and working under pressure. It also allowed me to be in contact with actual race cars, which encouraged my already existing passion.

Moonfest
Music Festival

- At this festival I had a technical role, working with mostly sound systems at the scene. This experience made me interested in electronic systems, while also teaching me how to act in a position of leadership, as the technical role was in control of other groups as well other than their normal responsibilities.

MY LIFE PHILOSOPHY

"We have to live a life of no regrets."

MOST PROUD OF

🏆 **Getting accepteed at TU/e**
I was happily surprised when I found out I got accepted to my dream university.

❤️ **Being able to move so far away**
Although it is hard, I am proud I am able to live on my own and take care of myself

STRENGTHS

Hard-working   Eager to learn new things

C   C++   FPGA work   Statistical Analysis
Simulink   Matlab   HTML   CSS   PHP
MySQL   Object oriented programming

LANGUAGES

English   ● ● ● ● ●

Romanian   ● ● ● ● ●

German   ● ● ○ ○ ○

EDUCATION

B.Sc. in Electrical Engineering(Automotive Technology)
Technical University Eindhoven

📅 Sept 2023– July 2026