

JULES VRANCKX

Engineering student at Telecom Paris

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INFORMATION

I am looking for a year off internship in embedded systems and cybersecurity in France or abroad. I have some experience through school projects.

EDUCATION

Telecom Paris

Master in Embedded Systems and Cybersecurity

Sept 2018 – Today

Second year : embedded systems (compiler, C, HDL), cybersecurity (cryptography, attack and infrastructure security)

First year (bachelor degree) : software development (Java, C++), mathematics (analysis and probabilities), physics, and economics.

- GPA : 3.95/4

Preparation for national competitive entrance exams to leading French 'Grandes Ecoles'

La Martinière Monplaisir, Lyon

Sept 2016 – June 2018

PROJECTS

Design and Programmation of a RISC microprocessor

School Project

June 2019

Conception and programming of a RISC microprocessor using SystemVerilog, based on an instruction set. Programming of a display adapter (VGA protocol) and some games in assembly language.

Bare Card programming

School Project

Sep - Dec 2020

Programming a bare metal card and use of a LEDs dot matrix. I wrote each part of the program from scratch in C and assembly.

INTERESTS

Drums

Trumpet

Handball

Cycling

Philosophy of science

STRENGTHS

Hard-working

Proactive

Inquisitive

C/C++

Embedded Systems

Python

Git

Linux

Cybersecurity

LANGUAGES

French



English



German



EXPERIENCE

Farm internship

Summer 2019

Sundsvall, SWEDEN

WWOOFING experience for school first year internship

Supermarket seller

E.Leclerc

Summer 2018

Valence, FRANCE

Fruits picker

Clairdfond SARL

Sum 2015-16-17

Valence, FRANCE

RELATED ACTIVITIES

Volunteer

Emmaüs Connect

Jan 2019 - Jun 2019 Location

Giving some basic computer use courses to people in need, and helped cleaning the association's data base.

Co-manager of the student bar

Telecom Paris

2019-2020

Palaiseau, FRANCE