

Mathis Engels

STUDENT IN CYBERSECURITY

Valenciennes, France

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About me

I am a 22 year old student in the second year of a Master's degree in Cyberdefense and Information security. I would like to become a cybersecurity engineer. I am autonomous, organized, and know how to make decisions. Curious by nature, I like to learn new knowledge.

Experience

Orchestra

SOFTWARE ENGINEER INTERN

Luxembourg, Luxembourg

August 2021 - September 2021

- Designed a web application for the Luxembourg surety mutual (Luxembourg Chamber of Commerce) using Figma
- Experimented and realized the back-end and front-end of this web application, using WebDev

Eurogroup

SOFTWARE ENGINEER INTERN

Luxembourg, Luxembourg

June 2016 - July 2016

- Digitized files for the Luxembourg Chamber of Commerce

Renex

INTERN

Marly, France

June 2015 - July 2015

- Designed and distributed flyers

Education

Master CDSI equivalent to Master's degree in Cyberdefense and Information security

INSA HAUTS-DE-FRANCE

Valenciennes, France

2020 - Present

First year completed with honors

Licence Informatique equivalent to Bachelor of Science in Computer Science (with honors)

INSA HAUTS-DE-FRANCE

Valenciennes, France

2018 - 2020

Learned new notions (graphs, complexity, ...)

Baccalauréat Scientifique equivalent to A-Levels (with honors)

LYCÉE HENRI WALLON

Valenciennes, France

July 2017

Specialization in Mathematics

Skills

Programming languages JavaScript, Typescript, Java, C, C++, Python, SQL, Scala, Lisp, Prolog, Visual Basic, HTML/CSS

Frameworks Node.JS, Express, ReactJS, Scapy, AWS, Docker, Jest

Languages Français (Mother tongue), Anglais (Advanced level), Espagnol (Beginner level)

Certificates Full driving license with a personal vehicle

Projects

Personal

- Development of many web applications and REST servers (Express, ReactJS)
- Homelab (PiHole, DDNS, NAS) on a Raspberry cluster
- Automatization of many physical and virtual processes using Arduino/Raspberry
- Machine learning, neural network using p5.js, without any other libraries

TNP - Twitter Network Profiler

- A web application made to find the close circle of any Twitter user (Twint, ReactJS, Python, JavaScript)

Lazy Student

- Design and realization the back-end (Node.JS, ExpressJS, MongoDB, Jest, Swagger)
- Development of the front-end (ReactJS)
- Implementation the architecture on a VPS (Debian, Nginx)