

CYBERSECURITY
BUSINESS.SCHOOL



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The incorporation of a key ressource is

IMPORTANT



The market of CYBER

With the explosion of cyberattacks leading individuals, businesses, communities and States to better protect themselves, the cybersecurity market is booming. So much so that this sector, which generates 150 billion dollars in revenue in 2021, is six times larger than that of music. Cybersecurity is therefore establishing itself as a major component of the economy and industry, but is seeing its growth limited by a shortage of experts and trained people.

5000

In France, in 2021 the number of vacancies in cyber is estimated at 5,000 people.

*France estimation in 2021

75

75% of companies have difficulty for recruiting. Shortage of talent and lack of training are the causes of this observation.

*r'ISSA/ESG report in 2020

6

6 months, between the need and the solution. This long and costly time frame can and should be reduced.

*Source interne

Our VISION

Training is the key to cybersecurity challenges.

Founded by 3 cybersecurity professionals and supported by education professionals, our school's mission is to develop the talents of tomorrow and to support our partner companies in their recruitment process.

The cybersecurity market is growing rapidly, but the lack of human capacity is felt: lack of key resources, recruitment difficulties, lack of appropriate training. Our establishment aims to meet these challenges.

This, thanks to the alternation, an innovative pedagogy, adaptable courses and simulators at the cutting edge of technology!

OUR VALUES

- Placing innovation at the heart of the learning and recruitment process ;
- Build a solid and lasting school-company partnership ;
- Promote diversity and inclusion within the cybersecurity sector ;
- Offer training of excellence focused on practice and modularity.







As a citizen and cybersecurity professional, I developed the conviction that education is the key to meeting the challenges posed by the ecological and digital transitions, which are converging and profoundly transforming the world we are living in.

No ecological transition without digital transition, no digital transition without cybersecurity.

The entire CSB team shares this conviction and puts its enthusiasm and passion at the service of a strong ambition: to nurture cybersecurity talents who contribute today and tomorrow to a fairer, safer, more responsible world.

This ambition is reflected in our commitment to make cybersecurity accessible for the greater good and to support all players in the sector, through our hybrid training courses developed by cybersecurity and education professionals.

We are driven daily by the pleasure of transmitting and learning, standing by your side.

Patrice Chelim.
General Manager

Word of CSB.School
DIRECTOR

Our CAMPUS



Located in the heart of the business district, a 10-minute walk from the Lyon Part-Dieu TGV station, our campus has been designed as a living space that promotes collaboration and exchanges between all of our school's stakeholders. From September 2022, our campus is open to everyone, all year round, to shine a light on cybersecurity.

In our 2500m2 premises, our students put their skills into practice in simulation laboratories and practice on professional equipment.

A 280m2 rooftop and many convivial spaces have been set up to stimulate student life on our campus.

More than a school, our establishment aims to be a reflection of the company and will host an incubator within it to bring out innovations in cybersecurity and support entrepreneurial projects.

Finally, our campus is the place to co-construct a collective response to training issues with our partners, who participate, create and lead events around cybersecurity.

The reflection of a 4.0 company

ONE OFFICE THREE SPACES

LIFE OFFICE

The living space will allow all the people present in the building to meet, eat, relax and promote the informal exchange of ideas and knowledge. A space like start-ups.

INNOVATION

Located at the heart of the student-driven living space, the incubator offers our students, and all stakeholders on our campus, the opportunity to innovate together.

PEDAGOGIC

The educational space is made up of around ten “meeting” rooms, a simulation room, a multi-purpose room that can accommodate 110 people, 3 filming studios and coworking spaces.

Security Operations Center Simulator (SOC)

Beyond threat detection, our simulator offers learners the possibility of creating or reproducing technical infrastructure attacks, whether in the IT or OT field. “Blue team” against “red team” exercises are carried out, in particular by applying the principle of “Capture The Flag”.

Network Lab

Our network lab is equipped for learners to build, configure and test an IP LAN network. Learners will be able to put into practice the notions of switching, routing, filtering, monitoring, flow management, automation, DNS, DHCP, VLAN. This learning takes place in two stages, a first virtual one to learn and understand, and a second physical one, for the practical application of technologies and the manipulation of equipment.

Industrial simulator

To move from theory to practice: PLC programming, segmentation of industrial networks, implementation of various cybersecurity solutions, intrusion tests on OT environments. No limits to creativity and mistakes, students are free to experiment.

New way of PEDAGOGY

OPTIMISATION

Our pedagogical system adapts according to the achievements and needs of each student. Our training paths are optimized so that learning serves the continuous development of skills.

19 BLOCS

The Bachelor and Master courses each represent 19 blocks of skills. These blocks of skills constitute the knowledge to be acquired to become an Expert in one of our three Master's courses.

30 INTERVIEWS

Each speaker is interviewed to identify the areas of expertise that he/she can and wishes to teach. Pedagogical engineers ensure consistency between expertise and pedagogical objectives.

200 BTU

Based on the interviews, around 200 Blended Training Units are created to cover the skill block requirements.
These BTUs each represent 20 hours of investment for a learner and ensure the modularity of training.

4000 HOURS

We produce 2000 hours of training, supported by 2000 hours of e-learning which allow us to provide 4000 hours à la carte, and to cover only the knowledge not mastered by the learners.

OUR TRAINING

BACHELOR

Training provided over 3 years, our course offers two choices of specialties: a Mastery of information cybersecurity (IT) course and a Mastery of industrial cybersecurity (OT) course.

The course includes the preparation and passage of the CEH certification - Certified Ethical Hacker

Our Bachelor program is:

- 9 skill blocks
- 44 skills
- 51 BTUs





MASTER

Over 2 years, our course offers students three choices of specialties: Mastery of information cybersecurity (IT), Mastery of industrial cybersecurity (OT) and Mastery of crisis management and Security Operations (SOC).

The course includes the preparation and passage of the CISSP certification - Certified Information Systems Security Professional

Our Master's program is:

- 10 Skill Blocks
- 51 skills
- 78 BTUs

train managers, entrepreneurs, visionary leaders and leaders

Our PROGRAM

» Principe de “Blended Training Unit”

All our courses are designed to be delivered by combining the principles of online and face-to-face training. Our courses are available at any time and whatever the course in e-learning. For face-to-face courses [synchronous and asynchronous], our classrooms are equipped with the latest technological innovations, including a complete recording system allowing distance learning. Our network laboratory and our simulation room are equipped with the latest generation equipment, identical to that found in companies in the cybersecurity market.

» Simulation & reoleplay

The key modules and their assessments are based on simulations and role-playing in order to be as close as possible to the reality of cybersecurity professions. It is essential that our students are connected to the professional world, whether within our establishment or in your company.

» A LEARNING SYSTEM WITH THE LATEST TECHNOLOGICAL INNOVATIONS



Supervision by experts



Personalized training



Common thread: simulator project



Portfolio for follow its evolution

Our learning system values the know-how and life skills of our students. We attach the greatest importance to the acquisition of Soft Skills and to strengthening the level of resilience of participants, an essential quality for managing the pressure inherent in certain cybersecurity professions.

Our assessments aim to help students progress, in particular by removing academic grades and replacing them with a system of assessment of skill blocks on a “validated block” or “unvalidated block” principle.

"A tailor-made learning system to develop a unique expertise"



Our evaluation sections are open 3 times a year. Depending on the progress of their missions in the company, the students select the blocks of skills to be validated. This choice is made in consultation between the student and his company.

A constant link between your company and our school is established. We exchange regularly about the student in order to follow his progress and help him develop his skills.

Our Student Life Observatory unit is responsible for this follow-up.

JOBS

BACHELOR

Security solutions administrator - Technical security auditor - Project security manager - Consultant - Trainer - SOC analyst operator (Level 1&2) - Pentester





MASTER

Threat analyst - Organizational security auditor - Security coordinator - Data protection officer - Cybersecurity director - Information technology security assessor - Cyber internal control manager - RSSI/CISO

Operational Technology & Information Technology

Security architect - Security program director - Risk manager - Security project manager

Crisis Management

Security Incident Response Analyst - CSIRT Manager - SOC Manager - Business Continuity Plan Manager

An example of CANDIDACY

GUILLAUME DROUPPA

JOB OBJECTIVE: CYBER ENGINEER

PROFIL

I am in BTS SIO / SISRS 2nd year in alternation within Accenture and the school ENSUP. I am a discreet young man, eager to learn and motivated by the missions that will be entrusted to me. Age: 21 years old

HARD SKILLS

- Market analysis
- Blockchain
- Coding
- Marketing
- Management

CONTACT INFORMATION

Loc. : 2311 North Los Robles Avenue
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PROFESSIONAL EXPERIENCE

Work-study - IT DSI support
2020 - 2022

- Member of the L1 & L2 support team

Work-study - trade
SUMMER 2019

- Supervision of merchandise trade between France and England. Inventory management, team management, transaction management.

Company discovery internship
WINTER 2018

- Help the CEO in his commercial approach with France.

SCHOOL

2020 - 2022 :
BTS SIO - OPTION SISR

2019-2020 :
UNIVERSITY LYON 2 : MANAGEMENT

2018 :
BAC SÉRIE S

PASSIONS

Manga & comic series
Sailing & Skateboarding

Our COMMITMENTS

The recruitment of a rare and precious resource is essential in our field. Our pedagogical model makes every effort to support you in this process.

Joining us means simplifying your procedures and being sure to hire a resource capable of adapting and training properly and continuously. At a time when turnover has never been so important, recruiting a work-study student with us means maximizing your chances of retaining them.



Cybersecurity to 360°

Cybersecurity is not just about information security. We also cover the entire spectrum of cybersecurity, information [IT], industry [OT] or crisis management.



All Inclusive Offer

A single price that includes all services, from recruitment to signing the contract, passing certifications, through our 4000 hours of training, everything is included.



Diversity

Our approach and our method of recruitment allow us to promote diversity by developing, for example, professional retraining, or by welcoming atypical profiles.



Fast R.O.I

No need for headhunters, internal interviews, salary negotiations, everything is “by-design”.



What YOU need

Whether your need is long, medium or short-term, our training courses are flexible and à la carte. We also provide, on request, specialized inter or intra-company training to meet a specific need.



Certified Resources

Coming from the world of cybersecurity, we know that professional certifications are often worth more than a degree. Our training includes the preparation and passage of these internationally recognized certifications (CEH, CISSP, etc.)



Opérational

Cybersecurity is above all a practice. Our training is 70% based on pure practice. Our learners master the theory, but are above all qualified operational staff.



An IRL formation

Cybersecurity is above all practice, practice and more practice. Our training is 70% hands-on. If our learners master the theory, they are above all qualified operational staff.

A School...
AGENT OF CHANGE

Be part of a common dynamic to drive change

Conferences, events, associations, visit of establishments ....

Our school aims to support all cybersecurity players. It is part, with its partners, of a collective dynamic to lead the change necessary for the development of cybersecurity.

Regular events

Conferences, debates, round tables and thematic days are organized and animated within our establishment throughout the year.

These events are accessible to all of our partners and are co-constructed with them.

They promote the exchanges, reflection and innovation necessary for the development of cybersecurity.

> Our school wants to play a role and be an actor in driving change in our field of activity.

A strong associative part

10%... there is still a long way to go to ensure better representation of women in the field of cybersecurity.

We are committed - with the support of our partners - to visiting schools and supporting associations that promote diversity, inclusion and equal opportunity and thus be faithful to our commitment to make cybersecurity accessible to all.

Enhance your employer brand!



ADRESS

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NETWORKS

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