



**CYBERWORKPLACE
MAGAZINE**

**HACK.
LEARN.
WORK.**

EDITION 2022

WWW.CYBERWORKPLACE.TECH

CYBERWORKPLACE

Dear reader,

Together with our team, sponsors, guest teachers and other volunteers, we help our students to enhance their knowledge and develop their skills as an ethical hacker. This magazine is a tribute to the cyber village we've built together and a reminiscence for the accomplishments of our community. It does take a village to raise an ethical hacker!

Next year we'll be celebrating our 5th anniversary. Do you want to part be of an exciting future? Do you want to help talented young people at the start of their career in cybersecurity? Feel free to reach out to us. We are looking forward to meeting you!

On behalf of the Cyberworkplace Board,
Mira Golsteyn, Chair

ABOUT US

Cyberworkplace is an off-beat initiative focusing on reducing the cybersecurity talent gap and promote cybersecurity awareness. We provide free cybersecurity training and coaching to tech-savvy youngsters such as gamers, hackers, and students who lack practical experience in their study programs. We help them develop the skills they need for the 21st-century cybersecurity labor market and link them to leading (IT) security companies and organizations for internships and more.

Cyberworkplace is a non-profit, tuition-free initiative that does not employ teachers and does not issue accredited diplomas. We are operating on a volunteer base, and currently, we have more than a hundred volunteers and friends in our network.

HOW TO SUPPORT US?

- Become a sponsor
- Become a volunteer teacher
- Make a donation
- Refer a potential student

Email to info@cyberworkplace.tech or call +31 (0)6 19428814



HIGHLIGHTS 2021

NUMBERS

- 100+ Volunteers & friends
- 25+ Guest lectures
- 6 Courses
- 29 New students
- 17 Jobs | Internships
- 45+ Certificates

STUDENT EXPERIENCE

8.4

Students rate their overall experience at Cyberworkplace on a scale of 0-10

WHAT OUR STUDENTS LIKE THE MOST ABOUT CYBERWORKPLACE:



Workshops and guest lectures (learn new skills and gain new knowledge)



Guest lecturers (learn from cybersecurity industry leaders)



Expand your network in the field of security



Work together with like-minded people



Friendly and inclusive environment



Access to learning materials and online courses

A survey among the Cyberworkplace students - November 2021



JANUARY, FEBRUARY & MARCH 2021

CYBERWORKPLACE REACHES A LARGER GROUP OF YOUNG PEOPLE THROUGH NEW AGE REQUIREMENT

In January 2021, Cyberworkplace has increased the age requirement. Cyberworkplace finds that the need for cybercrime fighters is bigger than ever before. We see a worldwide increase in cybercrime. In The Netherlands, a surge in amateur hacking is seen due to teenage boredom. We believe that by providing the right education and training, Cyberworkplace can guide them in the right direction.

The increase of cybercriminals, Cyberworkplace saw this as an opportunity to increase the age requirement from 25 to 27. It is also a chance for talented people to get skilled and switch careers due to the economic change caused by the pandemic. By doing this, Cyberworkplace wishes to reach a bigger group of passionate young people and give them a chance to develop in cybersecurity.

WORKSHOPS & OTHER ACTIVITIES

- Closing ceremony of the 2nd edition of CSI-010: Digital Forensics by Cyberworkplace and Techniek College Rotterdam
- 'Ethics in cybersecurity' workshop by Mira Golsteyn @Cyberworkplace
- 'Pen-testing and entrepreneurship' workshop by Rik van Duijn, Erik Remmelzwaal and Wesley Neelen @Zolder
- 'Internet & network security' workshop by Antonio Chan @RET
- 'Social engineering' workshop by Hugo van den Toorn @Outspot24
- 'Artificial intelligence in cybersecurity' workshop by Jasper Jumelet, ambassador @Cyberworkplace
- Introduction to SECO-Institute by Vincent Jentjens @SECO-Institute
- We launched the second edition of the Cyberworkplace magazine



JANUARY, FEBRUARY & MARCH 2021

CYBERWORKPLACE APPOINTED A NEW CHAIRWOMAN

In February 2021, the general board of Cyberworkplace has appointed Mira Golsteyn as chairwoman of the organization. She has succeeded Anouk Vos, founder of Cyberworkplace and chair. Golsteyn has been a board member of the organization since 2018. She is a senior manager with over twenty years of experience in operations, IT management, and security. She delivers results and is passionate about security and privacy.

Anouk Vos has made an enormous contribution to the growth and development of Cyberworkplace. The Board of Cyberworkplace announced that Vos has been appointed Honorary Chair. She will continue to be closely involved in Cyberworkplace.

"Together with my fellow board members, I look forward to strengthening our position as Cyberworkplace. We will continue to work closely with our staff members, students, partners, ambassadors, and volunteers. After all: it does take a village to raise an ethical hacker!", said Golsteyn.

WORKSHOPS & OTHER ACTIVITIES

- 'Introduction to active directory' workshop by Justin Perdok @Orange Cyberdefense and ambassador @Cyberworkplace
- 'Threat landscape' workshop by Ronald Pool @Crowdstrike
- 'Network detections and response' workshop by Erik van der Noordt @ExtraHop
- 'Critical thinking' workshop by Envy Cheung @Cyberworkplace
- 'Transaction monitoring' workshop by Edo van Uitert @ABN AMRO
- 'LinkedIn & CV' workshop by Nasya Handzhiyska @Cyberworkplace
- 'Governance & risk assessment' workshop by Joao Schim @Schimsalabim
- 'Hardware & embedded security' workshop by Umit Aksu @ING
- We introduced Cyberworkplace to the students of MBO College Hilversum

“CYBERWORKPLACE: A CLOSE-KNIT GROUP OF PEOPLE HELPING YOUNGSTERS FURTHER DEVELOP THEIR TALENTS”

Please introduce yourself.

I am Else Maria van der Meulen, and I am director / owner of DDFR. DDFR is an internet service provider in the Northern Netherlands. We offer services in the field of network and security. My background is in business information and computer science, also known as technical informatics. In July this year, I completed the latter after more than 12 years of study break. My graduation topic was “Detection of botnets in DNS data using machine learning”. A fascinating topic to get started with, both from a cybersecurity perspective and from a machine learning perspective.

When did you join Cyberworkplace?

I joined Cyberworkplace in January 2020 as a board member. The great thing about Cyberworkplace is that it gives young people an opportunity to gain knowledge and possibly get started in this fascinating field. It cuts both ways, young people get a chance, and society gets the much-needed cyber talents. I get a lot of satisfaction from being able to contribute to this.

What did you like about Cyberworkplace?

It is a close-knit group of people, each of whom wants to contribute to the Cyberworkplace mission by helping young people further develop their talents and thus contribute to the cybersecurity community.

What is your most favorite moment at Cyberworkplace?

There are several moments, but the best is when young people from Cyberworkplace find their way to an internship or a traineeship where they can develop further.

ELSE MARIA VAN DER MEULEN BOARD MEMBER



Describe Cyberworkplace with three words.

Community, fun, learn.

How do you see Cyberworkplace in five years?

The basis of Cyberworkplace will remain the same, namely offering young people opportunities further to develop their talents in cybersecurity, but with coverage throughout the Netherlands. A large part of the workshops can be followed online. Yet, meeting one other in real-life is also very valuable.

Is there anything else that you would like to add?

Get in touch if you would also like to contribute to the Cyberworkplace mission.

Our team is proud to contribute to the fulfillment of our mission. Our team members combine the passion for cybersecurity and the dedication to supporting talented people.

CHECK OUR WEBSITE

www.cyberworkplace.tech/our-team/



APRIL, MAY & JUNE 2021

STUDENTS AND THE PUBLIC PROSECUTION OFFICE ARE FIGHTING TOGETHER AGAINST WHATSAPP FRAUD

In June 2021, 25 students from Cyberworkplace and Techniek College Rotterdam carried out a fictitious WhatsApp fraud (friend-in-emergency fraud). The fictitious WhatsApp fraud was part of the course CSI-010: Digital Forensics and was organized by the Public Prosecution Office Rotterdam (OM).

The input of the Cyber Challenge has been of a great help to the Public Prosecution Office to gain more insight into the modus operandi of WhatsApp fraud and to enter into discussions with the ICT employees of the future. "I see the Cyber Challenge as an extremely valuable addition to everything we are already doing to further reduce digital crime," said cyber officer Jacqueline Bonnes of the Public Prosecution Office in Rotterdam."

WORKSHOPS & OTHER ACTIVITIES

- CSI-010: Digital Forensics workshops: 'Introduction to the ethical and legal framework', 'Local incident response', 'Network forensics' and 'Webserver analysis' by Anjo Eijeriks @Techniek College Rotterdam
- Guest lectures CSI-010: Digital Forensics by Steven Djohan and Anh Tran @Revnext, Elsine van Os @Signpost Six, Jamal Oulad-Eddib and Maaïke Hielkema @NFIR, Dirk-Jan Grootenboer @SeaPort Police, Vivianne van Rij, Malika Chtatou and Jacqueline Bonnes @Public Prosecution Office
- CTF 'CyberHero' by Rafael Vigelandzoon, ambassador @Cyberworkplace
- 'Cloud security' workshop by Tsvetelina Shabanska @CyberSprint and ambassador @Cyberworkplace
- Introduction to Cisco Network Academy by Zakaria Laaraj @Cisco
- Introduction to Team High Tech Crime by Wouter Klijnsoon @Police
- Introduction to Digital Investigation by Marnix Oosterhoff @Police
- Guardicore demo by Michael Connelly @Tachyon Security



JULY, AUGUST & SEPTEMBER 2021

COURSE BY AXIANS

In July 2021, in cooperation with one of our main partners, Axians, we have organized a five-week course on networking fundamentals. The course was led by Wouter van den Bergh, a security analyst at Axians.

The course was a great addition to the curriculum of Cyberworkplace. In the world of security, students must understand how networks and the internet work. The course covered networking basics and allowed the participants to fully understand how corporate networks and the internet function.

COURSE BY ORANGE CYBERDEFENSE

In August 2021, we took on a two-days journey into penetration testing with another main sponsor, Orange Cyberdefense. The security specialists, Thijs Vos and Sjors Haanen, gave a hands-on hacking training to our talented cyber youngsters.

Having a good grasp of how vulnerabilities and exploits work, how attackers think about networks and systems and the tools, tactics and techniques they use, is essential for those starting the journey into penetration testing. The course presented the background information, technical skills and basic concepts in the world of information security.

WORKSHOPS & OTHER ACTIVITIES

- 'Security architecture and microsegmentation' workshop by Sigurt Currie @NovaVentum
- 'Introduction to Splunk' workshop by Erik Heikamp and Donna Resmann @Umbrio and ambassadors @Cyberworkplace
- Four-week course on Linux by Willem Lei @Unlock your talent
- We welcomed Larissa van der Knaap, marketing intern, to our team
- We received a generous hardware donation from our teacher volunteer, Wouter van den Bergh, and our partner Axians

"FROM 'ZERO EXPERIENCE' TO A CYBERSECURITY CAREER IN JUST A FEW MONTHS."

Please introduce yourself.

Hi! My name is Fleur, I am 25 years old. After finishing my bachelor's in human resources, I joined Cyberworkplace. I had no prior knowledge about IT, only a huge interest. Eventually, Cyberworkplace helped me to take my first steps in IT. Currently, I am doing a cybersecurity traineeship.

When did you join Cyberworkplace?

A friend of mine, and former participant of Cyberworkplace, advised me to join the workshops. I was very eager to develop my cybersecurity skills. My motivation to join Cyberworkplace was initially to learn as much as possible, ultimately it was the fun during the lessons that kept me motivated.

What did you like about Cyberworkplace?

I liked the variety in the content of the lessons and the high quality of it. Besides, I had a lot of fun. At the beginning, I was quite nervous about if I could keep up the pace, but this wasn't a problem at all. The teachers and students are patient and helpful. There is ample opportunity to ask all your questions. Teachers are open to connecting with you via LinkedIn, thus making it very easy to reach out to them for further support.

What is your most favorite moment at Cyberworkplace?

I really loved the Digital Forensics course. My favorite lesson was the guest lecture of Maaïke Hielkema, a cybersecurity consultant at NFIR. She presented about information hiding and recovery. We have learned how to recover deleted files and collect digital evidence. Forensic investigations require a specific approach and forensic data must be handled with special care.

FLEUR VAN KOESVELD FORMER STUDENT



What have you learned at Cyberworkplace?

I learned the most about digital forensics and (de)coding.

What are you currently up to?

I started at Cyberworkplace with zero experience. A few months later, I have a job in cybersecurity. I follow a traineeship at Motiv ICT Security.

How would you describe Cyberworkplace with three words?

Learn, work, fun.

Would you recommend Cyberworkplace to your friends?

Yes! For everyone who is interested in cybersecurity but not yet experienced. Cyberworkplace is the best place to take your first steps in this field. I had no prior experience myself, but the lessons are easy to follow for everyone. If you can truly commit, you're going to grow so much here.

Is there anything else that you would like to add?

Cyberworkplace is an excellent investment. They will return it with interest and impact.

Do you know someone who is between 16 and 27 years old, who lives and breathes cybersecurity and is looking to improve their hacking skills in a safe environment?

REFER THEM TO US

info@cyberworkplace.tech

+31 (0)6 19428814



OCTOBER, NOVEMBER & DECEMBER 2021

COLLABORATION BETWEEN CYBERWORKPLACE AND THE HAGUE UNIVERSITY OF APPLIED SCIENCES

In October 2021, Cyberworkplace in collaboration with Safety and Security Management Studies (SSMS) of The Hague University of Applied Sciences organized a pilot workshop. In one afternoon, students from both organizations dived into the world of cybersecurity risk management through a series of presentations, table-top exercises, and more. Peer-to-peer learning techniques were used to stimulate the practical experience and interaction amongst the participants.

The students listened to a presentation on cybercrime and risk management by Mira Golsteyn, Cyberworkplace chair. They also learned about the evolution of cybercrime, cyberattacks, types of impact, but also risk assessment and risk management strategies. Dominic Christian, lecturer, Safety and Security Management Studies at The Hague University of Applied Sciences, gave a presentation on the cybersecurity risks that reach far beyond networks and computers.

Finally, the students worked together in small groups on a table-top exercise, where they had to design a risk management strategy for the fictional "University of the Western North Sea". After successful completion of the workshop, the participants received a certificate.

Did you know Cyberworkplace has a newsletter?

Subscribe to our newsletter and never miss another update. Receive the latest news about Cyberworkplace!

SUBSCRIBE NOW

www.cyberworkplace.tech/category/news/



OCTOBER, NOVEMBER & DECEMBER 2021

PYTHON COURSE

In November 2021, we started a four-week course on Python by Vikram Mark Radhakrishnan, PhD Student at Leiden University.

In this course, we went over the basics of the Python programming language, starting from simple code to display “Hello, world!” on the screen. We've covered Pythonic data structures, advanced coding syntax, file handling, usage of common external libraries for data handling and plotting, functional programming, and finishing with the basics of Object-Oriented Programming. After these four weeks, the students who have successfully completed the final exam received a certificate to add to their portfolio!

WORKSHOPS & OTHER ACTIVITIES

- 'LinkedIn & CV' workshop by Nasya Handzhiyska @Cyberworkplace
- 'Cybersecurity in the healthcare sector' workshop by Jelena Milosevic, independent info security researcher
- 'Cloud computing' workshop by Ashraf Altalleh @Amazon
- 'Security in the cloud' workshop by Ashraf Altalleh @Amazon
- 'Ethics in cybersecurity' by Mira Golsteyn @Cyberworkplace
- Two-days cybersecurity training 'Immersive labs' by Steven Djohan and Jasper Jumelet @Revnext and Harold Vermanen @D5IQ
- CTF 'CyberHero' by Jean-Pierre Wijn, ambassador @Cyberworkplace
- We introduced Cyberworkplace to the students of MBO Grafisch Lyceum.

We are looking to expand our network of volunteer teachers. Are you working in the field of cybersecurity and want to share your knowledge with enthusiastic and motivated youngsters? By donating 20 hours a year, you can make a difference for our talented youngsters.

BECOME A VOLUNTEER

info@cyberworkplace.tech

+31 (0)6 19428814

"EVERYBODY WITH A PASSION AND TALENT FOR CYBERSECURITY SHOULD HAVE A CHANCE TO DEVELOP THEMSELVES."

Please introduce yourself.

My name is Niels Everstijn, and I'm the Cybersecurity Business Unit Manager of Axians in The Netherlands. I've been in the IT industry since 1992 and have always been in business development roles. I'm married for over 25 years to Inge, have two boys, and live in the Maas and Waal area. Next to the business as a hobby, I am an official field hockey umpire for a bit over than eight years now.

Would you please introduce Axians to our readers?

Axians is the linking pin of our connected planet. We aim higher than technical excellence to make tomorrow's world more livable and fair. We are part of a group infused with strong human values and social ethics, a culture of qualitative relationships, and close attention to stakeholders and end-users. Axians, part of Vinci (France), is an IT systems integrator. With about 12000 colleagues in over 25 countries, we help our customers to improve/accelerate their business by using IT. The areas of expertise are Telecom Infrastructures, Cloud and Data Center, Enterprise Networks, Digital Workplace, Business Applications, Data Analytics, and Cybersecurity.

When was the partnership between Cyberworkplace and Axians launched?

The partnership was officially established in 2019. It was initiated by a colleague who was very passionate about the Cyberworkplace approach. He was highly motivated to inspire and guide these talented youngsters and introduce them to the world of networking and cybersecurity. Since then, Axians has supported the mission of Cyberworkplace, training young people to become cybersecurity specialists.

NIELS EVERSTIJN CYBERSECURITY BUSINESS UNIT MANAGER, AXIANS



What is the added value to your company?

Axians is a very socially aware organization. Everybody with a passion and talent for cybersecurity should have a chance to develop themselves. With the Cyberworkplace partnership, we help youngsters with a proper introduction to the field of cybersecurity. Cyber professionals are scarce, and we hope to fill that shortage in the labor market with these enthusiastic young professionals.

What do you like the most about Cyberworkplace?

Social and creative entrepreneurship.

Describe Cyberworkplace in three words.

Social, passion, cybersecurity.

How do you see this partnership in the future?

I hope to get more involved in curriculum development and welcome more Cyberworkplace talented and passionate youngsters, to become the future Axians colleagues.

Is there anything else you would like to say?

Keep up the good work.

SUPPORT US

Become a sponsor of Cyberworkplace.

Read more about the benefits of sponsoring Cyberworkplace.

www.cyberworkplace.tech/sponsors-and-partners/



MAIN SPONSORS

Orange Cyberdefense is the expert cybersecurity business unit of the Orange Group. As Europe's go-to security provider, they strive to protect freedom and build a safer digital society. They are a threat research and intelligence-driven security provider, offering unparalleled access to current and emerging threats.

For more info about Orange Cyberdefense - www.orangecyberdefense.com/nl/



Axians supports its customers — private-sector companies, public-sector entities, operators and service providers — in their infrastructures and digital solutions development. To this end, Axians offers a comprehensive range of ICT solutions and services spanning business applications and data analytics, enterprise networks and digital workspaces, datacenters and cloud services, telecommunications infrastructure, and cybersecurity.

Axians's teams specialized in consulting, design, integration, and service develop bespoke digital transformation solutions that contribute to its customers' successful business outcomes.

For more info about Axians - www.axians.nl/



ANBI

Cyberworkplace is recognized by the Dutch tax authorities as a Public Benefit Organization (ANBI). Sponsors can benefit from tax advantages.



PARTNERS



We are very grateful for our sponsors and partners. We are thankful for their support and contribution. Our mission would not be possible without the huge commitment of our sponsors and partners. Due to their support, we can offer our workshops to all those cyber passionate youngsters.

CURRICULUM 2022

PROJECTS

- Hands-on-hacking fundamentals by Orange Cyberdefense
- Defensive security: blue team by Axians
- CSI-010: Digital forensics
- CyberHeroes
- Cybersecurity in the transportation sector
- Networking fundamentals
- Introduction to Linux
- Cybersecurity risk management
- Python fundamentals

OTHERS

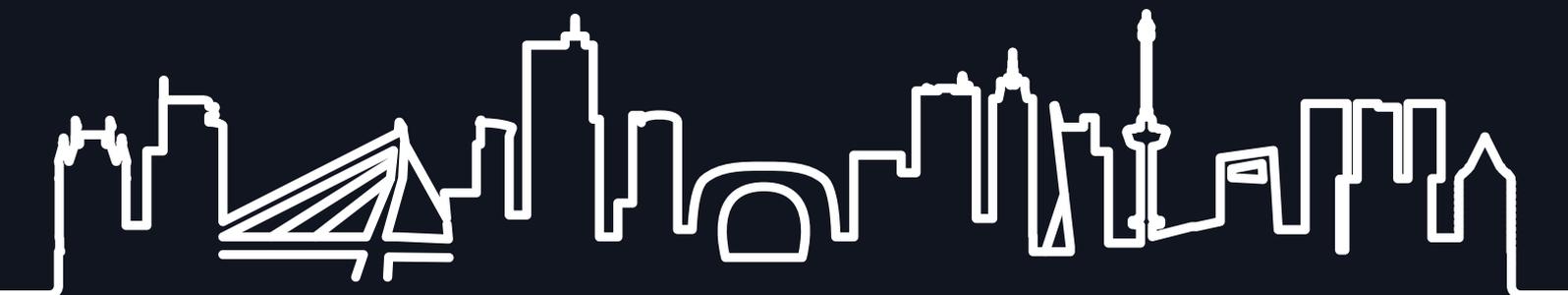
- Soft-skills training
- Cisco network academy
- Hackathons and CTF
- Cybersecurity events and webinars
- Others

WORKSHOPS

- Internet and network security
- Network detection and response
- OT security
- Cyber incident and crisis management
- Governance and risk assessment
- Security architecture and micro segmentation
- Artificial intelligence in cybersecurity
- Cloud computing and cloud security
- Active directory
- Ethics in cybersecurity
- Risk management and critical thinking
- Hardware and embedded security
- Social engineering
- Cybersecurity in the health sector
- Cybersecurity in the finance sector
- OSINT tools
- Others

We are looking forward to a new year of developing new cybersecurity specialists!

Have a wonderful new year!
Team Cyberworkplace



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