

Daniel Mathiot

Cybersecurity engineer

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/in/danielmathiot



/danymat

WORK EXPERIENCE

Cybersecurity Engineer

Dassault Systèmes, Paris

- Defined and implement a comprehensive pentesting process for 3DS web applications
- Created and participated in an internal KB for pentesting resources and methodologies from 3DS tech stack
- Led and participated in more than 50 pentesting campaigns (web and audit of assets), ensuring OWASP Top 10 Coverage and adhering to WSTG 4.2 framework. Used the ASVS 4.0.3 for code review campaigns definition and executions
- Defined counter audits processes, and participated in their execution
- Created KPIs for evaluating campaigns and counter audit performances
- Developed custom tooling to meet process needs for pentests, counter audits and KPIs

September 2022 - Today

Cybersecurity consultant internship

Deloitte Cyber Risk, Paris

- Participated in Cybersecurity Strategy mission
- Conducted research on IAM trends
- Participated in *Women in Cyber* program by developing a React application

March 2022 - August 2022

Development and cybersecurity internship in research laboratory

Laboratoire d'Informatique Fondamentale d'Orléans, Bourges

- Develop and host an international competition in data-anonymization research field
- Optimize processing times (by 5 times) in large datasets (~2Go) with Pandas and multi-processing
- Competition's website penetration testing and follow-up reporting following OWASP WSTG guidelines

April 2021 - August 2021

Full-stack developer

Freelance

2020 - Today

EDUCATION

Master's degree in Cybersecurity

INSA Centre Val-de-Loire, Bourges, France

2017 - 2022

Baccalauréat – Specialization in engineering sciences

Lycée Pierre-Paul Riquet, Toulouse, France

2014 - 2017

INTERESTS



Aeronautics



Prestidigitation



HTB Pro Hacker Rank

PERSONAL PROJECTS

Convert a Burp request to ffuf

Ffufify, Github

- Created lua script to convert burp requests to ffuf command
- Project presented during a Rump in LeHack's 2022 event

Library to execute anonymization scripts on datasets

INSAAnonym-utils, Github

- Developed a Python library capable of creating and executing a series of anonymization techniques in a CSV dataset
- Favor ease of use by specifying every operation in a json table
- Favor users' extensibility to create their own anonymization techniques

Annotation generator plugin for Neovim

Neogen, Github (950+ stars)

- Generates annotations for multiple languages and annotation conventions, written in lua
- Leverages Tree-sitter parser to fetch required data

Note-taking markup language embedding project planification

Neorg, Github (5k+ stars)

- GTD (Getting Things Done) implementation concepts into the plugin, written in lua
- Contributor of UI modules

LANGUAGES



French - Native



Spanish - C2



English - C2 (975/995 TOEIC)



Italian - B1



Portuguese - Native



Chinese - Basics

REFERENCES

Adrien Le Ray

CEO, Kenaos SAS

« Daniel is organized and autonomous, and already has the good reflexes to manage a project [...] »

I appreciated working with him, as much for his skills as for his human qualities. »

Benjamin Nguyen

Head of Laboratoire d'Informatique Fondamentale d'Orléans

« Daniel has been extremely efficient throughout his internship, at all levels, whether technical, relational, or logistical. »

He was able to be proactive, both on technical points, like code optimization, but also on organizational aspects, by structuring and animating the international competition. »

Very professional and reliable, and always willing to challenge himself to see if he has done the best job possible, I have only positive things to say about Daniel's attitude and achievements. [...] »