Patrick Coser

Data Processor || CyberSecurity

Last update: February 6, 2024

Up-to-date version of CV is available at
 https://patrickpca.github.io/cv-en

Local	🏠 Espirito Santo
Linkedin	in Patrick-Coser
Github	Patrickpca
Email	✉ patrickpcaa@gmail.com

Resume

Graduated in Cyber Defense from FIAP, I possess extensive experience in the security field. I am highly proficient in conducting offensive security tests (both infrastructure and web) and carrying out vulnerability analyses. My expertise extends to employing intrusion techniques, conducting risk analyses, and preparing comprehensive reports on vulnerabilities and their respective mitigations. Moreover, I have successfully delivered projects focused on incident response implementation and threat intelligence. My professional background includes assessing cyber maturity across various frameworks (LGPD, ISF, NIST, and CIS) and performing audits to ensure compliance with cybersecurity regulations such as SUSEP, BACEN, and standards like ISO 27K. In addition to my technical skills, I am adept at data analysis and processing using Python, leveraging Data Science libraries in the Anaconda package. Before transitioning into the cyber realm, I had a solid foundation in Oceanography, which enabled me to excel in preparing technical reports. As a project coordinator, I have proven my ability to deliver and present well-qualified data with precision.

Professional Experience

November de 2022 – Now

Mazars

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- Internal and External Pentesting
- Pentesting on Web Applications
- Implementation of Security Policies following guidelines from CMN, Bacen, CVM, NIST, and ISO 27K
- Monitoring, auditing, and assessing the maturity of information security processes
- Analysis and mitigation of risks and vulnerabilities in cyber security systems, applications, processes,
and infrastructures.
- Automate internal processes, creating interactive dashboards and web systems
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Pentest   Audit   Vulnerability Assessment

April de 2018 – July de 2021

EGS Brasil

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Data processing using Python and elaboration of technical reports for clients, with automation methods
implemented using the language for document creation. Libraries utilized include Numpy, Pandas,
Matplotlib, Cartopy, Seaborn, gsw, pylab, and pycircstat. Maintenance, testing, and development of electronic
equipment procedures tailored to the field of oceanography. Acquisition of data through watercraft, conducting
data surveys, and installation of tide gauges.
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Data Analysis   Python   Geoprocessing

February de 2016 – December de 2016

Ecoceano - Junior Consulting Company in Oceanography and Environmental Education

Managing cash flow, preparing informative reports, conducting strategic planning, and supervising advisors in the distribution of tasks.

Environmental Education   Cash Control   Accounting

Formação

- Cyber Defense - Faculty of Informatics and Administration Paulista - FIAP [2022]
- Bachelor's in Oceanography - Federal University of Espírito Santo - UFES [2018]

certifications

- [New Professional Pentester and Pentester Experience - DESEC](#)
- [OPSEC - Cyber Intelligence in Practice - Vinicius Vieira](#)
- [Complete Beginner Learning Path- TryHackMe](#)
- [OWASP - Application Security Verification Standard and Top Ten - Alura](#)
- [Professional Qualification Certificate in Cybersecurity - FIAP](#)
- [Professional Qualification Certificate in Information Security Management - FIAP](#)
- [The New Generation in Professional Pentesting - DeSec](#)
- [Introduction to Cybersecurity - CISCO](#)

volunteer experience

April de 2018 – December de 2016

Data Processor

Data analysis; Data qualification; Creation of data processing workflows; Automation of data processing.

Anaconda   Github   Python   PHP   Matlab   ArcGis   Qgis   Autocad   Hypack   SBES

March de 2016 – December de 2016

Cyber Security

Internal and External Pentesting; Web application pentest; Vulnerability analysis.

Kali Linux   Python   SQL   C   Ruby   Power Shell   Bash   Nmap   Nessus   Shodan   GitLab   GitHub   AWS   Azure

Skill	Level	Skill	Level	Skill	Level	Skill	Level	Skill	Level	Skill	Level
Team Work	●●●●	Flexibity	●●●●	Data Analysis	●●●●	Linux	●●●●	Python	●●●●	ArcGis	●●●○
QGis	●●●○	Hypack	●●●○	GlobalMapper	●●●○	AutoCad	●●●○				

Experience

Shore Approach - Petrobras (jul-19 / mar-21)

Coastal monitoring Jaconé (RJ), Cabiúnas (RJ), Barra do Riacho (ES) e Regência (ES).
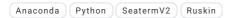Monthly campaigns with data acquisition of beach profiles with SBES and RTK, Quality control, and technical report.
Tide gauge installation. Mooring and retrieval of ADCP and CTD with deployment in a Sonardyne LRT.
Sidescan sonar data acquisition.

Anaconda   Github   Python   PHP   Matlab   ArcGis   Qgis   Autocad   Hypack   HOBOware   Global Mapper   Edgetech Discover   SignatureWaves   Echart   Ruskin   SeatermV2

Programa Amazônia Integrada Sustentável (PAIS) - Rede Nacional de Ensino e Pesquisa (RNP) (May-21 / jun-21)

Pre lay cable route survey on Amazon River, with Bathymetric and sonographic mapping, seismic records, collection of environmental sedimentological and topography data.

Anaconda   Python   SeatermV2   Ruskin

Alcatel Submarine Network - ASN (Apr-21 / jun-21

Cable route survey in São Paulo, Praia Grande - Brasil. Mobilization of vessels, side scan sonar, SBES and RTK, data acquisition and quality control.

Hypack   Echart   Scanline   HOBOware