

Contact

santibarclay@hotmail.com

www.linkedin.com/in/santibarclay
(LinkedIn)

Top Skills

Teaching

Cybersecurity

Security Incident Response

Languages

Spanish

English

Certifications

First Certificate in English

Foundations of Threat Hunting

AWS Certified Solutions Architect – Associate

Santiago Barclay

Head of Cybersecurity at Akua | Cloud Security | GRC | DevSecOps
Buenos Aires, Buenos Aires Province, Argentina

Summary

Skilled in AI Security, AWS, ISO 27001, PCI, NIST, SOX, GDPR and OWASP

Experience

Akua

Head of Cyber Security

September 2024 - Present (2 years)

I lead the security strategy for a cloud-native payment processing platform, ensuring compliance with PCI DSS and financial regulations. I oversee the implementation of security controls in our AWS infrastructure, focusing on protecting cardholder data through encryption, secure network design, and automated security testing. My role also includes managing our security certifications (PCI DSS Level 1, PCI PIN, ISO 27001, SOC 2, GDPR, among others). I work closely with engineering teams to integrate security practices into our DevSecOps pipeline and maintain continuous compliance through automated controls and regular security assessments.

University of Buenos Aires

7 years 6 months

Associate Professor - Information Security and Auditing Principles

March 2026 - Present (6 months)

Assistant Professor - Information Security and Auditing Principles

March 2019 - March 2026 (7 years 1 month)

I am in charge of putting together the security syllabus for the course, keeping it up to date, and teaching the corresponding classes at the university. The courses consist of an average of 70 students and lectures are given quarterly, twice a week, at 7am.

Henry

Cybersecurity Instructor

August 2024 - October 2024 (3 months)

As a Cybersecurity Instructor at Henry, I led live virtual classes, provided ongoing chat support to students, and mentored them throughout their final capstone projects. My teaching responsibilities included the following topics:

- Network Architectures
- Network Fundamentals and Cybersecurity
- Network Analysis
- Intrusion Detection
- Network Implementation & Practical Cases
- VPN and Protection
- OWASP Top 10
- Application Firewall
- Vulnerability Analysis
- Threat Intelligence
- Digital Forensics Analysis
- Cause & Recovery
- Incident Response Plan

Aper

Head of Cyber Security

September 2020 - September 2024 (4 years 1 month)

Buenos Aires, City of Buenos Aires, Argentina

Built a cybersecurity program from the ground up

- Define security policies and procedures in compliance with regulatory framework
- Implement Cloud Security controls in AWS, GCP and Azure
- Information Security Risk Management
- Design and implement cybersecurity awareness program
- Find and develop the best human talent
- Define and oversee secure application development roadmap
- Coordinate penetration tests
- Acquire, deploy and maintain security tools
- Web Application Firewalls (WAF)
- Network Firewalls
- Endpoint Detection and Response (EDR)
- Vulnerability Scanners
- Data Loss Prevention (DLP)
- Cloud Access Security Broker

Defended data of +2M registered users and a business run by +150 collaborators

Poder Judicial de la Nación Argentina

Cyber Security Consultant

April 2019 - September 2020 (1 year 6 months)

Dedicated to achieve greater management efficiency and upholding best practices, standards, and procedures in information and communication technologies. My role involved the administration of various security equipment and the implementation of robust security measures to safeguard critical assets for national security.

Key Responsibilities and Achievements:

- Led efforts to promote adherence to the ISO/IEC 27001 framework by instituting new security policies, restructuring areas, and designing and implementing general IT controls.
- Spearheaded the selection and implementation of a project management system to streamline the resolution of audit observations and projects aligned with ISO/IEC 27001, benefiting a team of 10 collaborators.
- Played a key role in drafting the Cybersecurity Strategic Plan for 2020 - 2023, ensuring alignment with cybersecurity objectives and organizational goals.
- Managed antivirus for an employee base of 15,000, ensuring comprehensive protection against evolving threats.
- Oversaw incoming mail antispam solution for the whole organization, minimizing the risk of malicious email-based attacks.
- Supported the administration for perimeter network firewalls, intrusion detection/prevention systems (IDS/IPS), and web application firewalls, enhancing network security posture.
- Conducted network and website vulnerability scanning and reporting, proactively identifying and mitigating potential security risks.

Deloitte Argentina

Information Technology Risk Consultant

October 2017 - April 2019 (1 year 7 months)

I worked in Deloitte's operational risk assurance area. I was mainly part of systems audit teams in compliance with the Sarbanes Oxley Act (SOX) for the top companies in Argentina. Among my tasks were the performance of audit tests, physical security reviews of data centers, development of segregation

of duties matrices, general IT controls and logical security reviews of Windows and Linux servers, Oracle, PostgreSQL, MaxDB databases, and SAP and PeopleSoft applications, among others. To a lesser extent I performed inventory tasks of exchange goods and audit on accounting books in optical media in compliance with local regulations.

Tril Corporation

Quality Assurance Analyst

September 2015 - February 2017 (1 year 6 months)

Part-time quality assurance analyst during the development of an application for iOS mobile devices, both in processes and in the product, in the areas of frontend, backend and user experience.

Education

Universidad de Buenos Aires

Bachelor's Degree in Information Systems (2.880 h), Computer/Information Technology Administration and Management · (April 2014 - July 2019)

University of CEMA

Cybersecurity Strategy and Management · (April 2024 - November 2024)

Ekoparty Hackademy

DevSecOps & Cloud Security Engineering · (July 2022 - December 2022)

ORT Argentina

Technical High School, Communication and Media Studies · (2009 - 2013)