

# Ximena Cuzcano Chavez

RESEARCHER

SYSTEMS ENGINEER

MASTER IN CYBERSECURITY

Researcher focused on understanding and addressing emerging challenges in the digital space, promoting the convergence of technology and ethical values for the responsible and equitable use of technology in society. With a strong background in digital security across both public and private sectors, encompassing awareness and sensitization programs, implementation of open-source tools, vulnerability analysis, ethical hacking, and incident management.

## Contact

✉ | [contacto@ximenacuzcanochavez.com](mailto:contacto@ximenacuzcanochavez.com)

📍 | [www.ximenacuzcanochavez.com](http://www.ximenacuzcanochavez.com)

📍 | Lima, Perú

## Education

### ● Master in Cybersecurity

International University of La Rioja.  
Spain, 2023.

### ● Systems Engineer

University of Lima.  
Perú, 2020.

### ● IT Security Diploma

National University of Engineering.  
Perú, 2020.

## Certifications

### ● CEHv12 (In Process)

C-Council, 2024.

### ● Certified in Cybersecurity

ISC2, 2023.

### ● ISO 27001 Certification

EXIN, 2021.

## Work Experience

### ● Fellow of the LAREDD Program

Derechos Digitales

September 2024 - Present

Fellow at the Latin American Program for Digital Security and Resilience (LAREDD) at Derechos Digitales, a project aimed at fostering community development in digital security from a social justice perspective. My main role is to support research, implement training spaces, manage regional advocacy, and participate in regional digital security communities.

### ● Researcher

Situada.Online

September 2023 - Present

I actively collaborate with Situada, an organization that explores technology from a Latin American and feminist perspective. My commitment is to generate knowledge that contributes to the continuous improvement of our online interactions and experiences, aiming to build a more inclusive, fair, and sustainable digital future for everyone.

Currently, I co-lead the VERITAS project (Vulnerabilities, Strategies, and Reflections on Technological Innovation and Gender Asymmetries in Latin America and the Caribbean) focused on understanding the risks of emerging technology and proposing strategies to foster an ethical awareness that promotes equity at the intersection between technology and society, highlighting the importance of considering gender implications in technological development.

Similarly, I led the Cyberbullying project, which focused on detecting cyberbullying on Twitter, for the Peruvian Spanish language. This project addressed the lack of studies focused on the linguistic particularities of LAC by creating a specialized dataset.

In addition, I carried out the Cybersecurity project, which focused on developing methodologies to implement open-source tools and integrating them with existing ones, to strengthen cybersecurity capabilities in public organizations, optimize the available technological solutions, and ensure sustainable solutions.

## ● Teacher

ASBANC

March 2024 - April 2024

I was a teacher for the course "Fundamentals of Cybersecurity," a 21-hour program focused on providing theoretical and practical training on the essential pillars of cybersecurity. I was responsible for preparing theoretical materials and practical labs, covering topics such as risk management, business continuity, access controls, network security, and security operations.

## ● Digital Vulnerability Analyst

National Digital Security Center - Perú

June 2023 - April 2024

My main role involves assessing the security of digital services in Public Administration entities through vulnerability analysis and ethical hacking tests. I identify and analyze potential weaknesses in these services to protect citizens' personal data and the confidential information of the entities. My work contributes to strengthening digital security and fostering trust among citizens in public institutions.

## ● Cybersecurity Consultant

National Digital Security Center - Perú

April 2022 - May 2023

I implemented open-source security tools in multiple entities of the country's Public Administration. This work was especially relevant due to the challenges inherent to the public sector, such as budgetary constraints and lengthy administrative processes, which hindered the adoption of digital technologies. On the other hand, I conducted digital security training in various sectors, including ministries, regional governments, municipalities, hospitals, and the general public. This significantly contributed to enhancing cybersecurity awareness and skills within public entities and among citizens, thereby improving data protection.

## ● Information Security Intern

Office of Social Security Normalization

March 2020 - November 2020

My main function consisted of guaranteeing compliance with information security standards by providers and ensuring the protection of pensioners' confidential data. In addition, I collaborated in Ethical Hacking tests to prevent cyber attacks and conducted security incident investigations to resolve information protection breaches. I also participated in awareness campaigns to promote a security culture within the institution and among its users, who are an integral part of the National Pension System.

## ● Software Quality and IT Processes Intern

University of Lima

September 2018 - December 2019

I supported the improvement of the quality and security of information systems. I planned and executed functional and security tests to ensure reliable and solid systems. This work resulted in the early identification of incidents and the delivery of software products focused on the needs of teachers and students, strengthening the technological infrastructure of the academy and improving the user experience.

## Publications

- González-Véliz, C. y Cuzcano-Chavez, X. (2024). Desafíos y dimensiones de la desinformación en ALAC: deepfakes y la urgencia de proteger los derechos de las mujeres. *Revista Espacio I+D, Innovación más Desarrollo*, 13(36), pp. 162-175. <https://www.researchgate.net/publication/378849055>
  - English version: Challenges and Dimensions of Disinformation in LAC: Deepfakes and the Urgency to Protect Women's Rights. ([Link](#))
- Cuzcano, X.M., y Ayma, V.H. (2020). A comparison of classification models to detect cyberbullying in the Peruvian Spanish language on twitter. *International Journal of Advanced Computer Science and Applications*, 11(10), 132-138. <https://doi.org/10.14569/IJACSA.2020.0111018>

# Participations

- 2024 | Interview on the program “Tendencia Legal”. Theme: “The Impact of Deepfakes on Gender-Based Digital Violence”.
- 2024 | Speaker at the IGF PERU 2024 event. Theme: “Digital Security and Human Rights: A Necessary Debate for Peru”.
- 2024 | Speaker at the Youth LACIGF 2024 event. Theme: “Digital Inclusion for Youth: Meaningful Connectivity in Rural Schools of Latin America and the Caribbean”.
- 2024 | Speaker in the open course "Cybersecurity and Trust in Latin America and the Caribbean" by Youth LACIGF. Tema: “Cybersecurity: Threats, Vulnerabilities, and Protection Strategies”.
- 2024 | Speaker at the Technology and Artificial Intelligence Seminar at the Universidad Autónoma Metropolitana, Xochimilco Unit. Theme: “AI in Cybersecurity: Innovation, Risks, and Regulations”.
- 2024 | Mentor in the Ethical Hacking Training Program for Women. WOMCY México and HackTheBox.
- 2024 | Speaker at the IV International Congress on R&D&I Technologies for Equality: Solutions, Perspectives and Challenges. Carlos III University of Madrid, Spain. Theme: “Digital Security with a Gender Perspective”.
- 2024 | Speaker at the event The Cybersecurity Revolution (SECREV). Theme: “The Shadows of WannaCry”.
- 2024 | Speaker at the Q&A Hacking Live Session of WOMCY México and HackTheBox.
- 2023 | Speaker at the Engineering Wednesday event. University of Lima, Peru. Theme: “Cybersecurity as an approach to protect your online identity”.
- 2023 | Participant in the White Hat 2023 International Conference. Boston University and Center for Cybercrime Investigation & Cybersecurity, United States. Theme: “Targeted Means to Combat Online Child Exploitation and Victimization”.

# Scholarships

- 2024 | OAS. *Digital Security with a Gender Perspective: "Our Networks, Our Security."*
- 2024 | Youth LACIGF. *Youth LACIGF event - University of Chile.*
- 2024 | Mijente and MediaJustice. *Take Back Tech 2024 event - Chicago, USA.*
- 2024 | South School on Internet Governance. *SSIG 2024 event - Buenos Aires, Argentina.*
- 2023 | University of Santiago de Chile. *Advanced Web Pentesting Course.*

# Complementary Education

- 2024 | University of Chile and UAbierta. *Introduction to Feminist Theories.*
- 2023 | Secretariat of Government and Digital Transformation of Peru. *Bootcamp: Advancing Government and Digital Transformation for the Benefit of Citizens.*
- 2022 | National Digital Security Center of Peru. *Specialization Program in Cybersecurity and Cyberdefense.*