

# Carolina de los Santos Resendiz

B.S. Computer Science and Technology

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## Professional Summary

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A passionate Computer Technologies student with a focus on cybersecurity. Possessing expertise in programming and problem-solving, seeking opportunities to apply her skills and gain experience in a challenging work environment. A curious, self-taught person with strong teamwork abilities that enable rapid adaptation to new environments and effective contributions to technological projects.

## Education

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Tecnológico de Monterrey, Campus Monterrey Estimated Graduation Date: June 2026

B.S. Computer Science and Technology | Focus on Cybersecurity | GPA: 96.52

Relevant Courses: Implementation of the Internet of Things, Modeling of Minimum Systems and Computational Architectures, Analysis of Software Requirements, Software Construction and Decision Making.

Harmon Hall Graduation Date: 2018

TCC Teacher Certificate Course | Advanced (C1) | GPA: 89.97

## Experience

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Thesis Publication (21 05/21)

- I wrote a thesis titled “Cybersecurity (Electronic devices and their risks in the cybersecurity of young people between 15 and 18 years old in Tuxtla Gutiérrez, 2021).
- Collect data from surveys carried out on adolescents, to analyze their interaction with technology and propose preventive measures.

Participant of the Xignux Challenge 2023 (11 05/23 - 12 05/23)

- I developed with a team an innovative proposal in the ideation stage to address the challenges of the 2023 agenda, in the Carbon Capture category.
- Formulate a mixture to create a sustainable wood substitute material.
- Sell and present the proposal to expert judges in the area, the proposal stood out and feedback was received from the judges.
- I learned topics of sustainability, circular economy, prototyping.

VantTec Member (02 10/23 - Presente)

- Drone Hardware team member
- Use of WireShark and ArduCopter

## Projects

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Raspberry Pi | Tecnológico de Monterrey, Campus Monterrey - Create content for children to learn about STEM (Science, Technology, Engineering, and Mathematics), Social Coordination & Mentor | 06/23

Tecnológico de Monterrey - In charge of the social coordination department and a mentor for the workshops, seeking a group of children to engage and teach them about STEM topics. February-June 2023.

Tecnológico de Monterrey | Cuenta Conmigo Fundación Down Chiapas AC/IAP/IBP, A.C - Social commitment charity project, Labor Inclusion Team | 08/23

Cuenta Conmigo Fundación Down Chiapas AC/IAP/IBP - Contact companies that provide the opportunity for children with this disability to experience and understand what a work environment entails. July-August 2023.

Tecnológico de Monterrey | United Federation of Science (UFS), Social impact charity project, Website development | 12/23

United Federation of Science (UFS) - Development of basic aspects of the website, using HTML and CSS. Actual.

## Skills

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Soft / Technical Skills:	Software:	Languages:
Oral and written communication	Java intermediate	English C1
Problem-solving	Python intermediate	Spanish Native
Time management Teamwork	C++ intermediate	
Leadership	R basic	
Discipline	HTML basic	
Computational thinking tools	SCC basic	
	SQL basic	
	Git basic	
	Azure DevOps basic	