



**IEEE
COMPUTER
SOCIETY**

*Colombian Caribbean
Section Chapter*



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 **IEEE**
*Advancing Technology
for Humanity*

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Colombian Caribbean Section

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1 Editorial



We are all called to transform lives and improve society. We do it with technology. One line of code at a time will contribute to the change that benefits humanity. Hector.



As we embark on this new year, we want to express our sincere gratitude to each one of you who continues to be an active part of our chapter. Your dedication and enthusiasm are paramount to the success of our community.

We are thrilled to announce the business plan for the year 2024, titled IEEE CS Byte2Solution Colombian Caribbean. This plan is a series of events that aims to explore, inspire, and foster excellence in the field of computing. The events that make up IEEE CS Byte2Solution include *Programming, Challenge, WIC, KIC, YIC, Professionals, Beyond Binary, Award and Summit*.

This business plan is not only a call to our current members but also to all stakeholders who wish to contribute to the growth and success of our community. We invite you to stay with us and actively participate in all the exciting activities we have prepared. This initiative represents a collaboration between the professional chapter and the student chapters of our society, as well as other organizational units within the section.

Together, we are building a successful future for our community. We look forward to your support and active participation in IEEE CS Byte2Solution and all the planned activities for this year!.



Hector Teran
Chapter Chair
IEEE Colombian Caribbean Section Computer Society Chapter.

2 About US

IEEE is the world's largest professional association advancing technology for the benefit of humanity. IEEE has 39 technical societies, among which is the IEEE Computer Society



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Engaging computer engineers, scientists, academia, and industry professionals from all areas of computing, the IEEE Computer Society (CS) sets the standard for the education and engagement that fuels continued global technological advancement. Through conferences, publications, and programs, and by bringing together computer science and engineering leaders at every phase of their career for dialogue, debate, and collaboration, IEEE CS empowers, shapes, and guides the future of not only its members, but the greater industry, enabling new opportunities to better serve our world.



*Colombian Caribbean
Section Chapter*



We are the Local Chapter of the Computer Society in the IEEE Colombian Caribbean Section of IEEE, and we have student branch chapters at Universidad Simón Bolívar, Universidad del Norte, Universidad de la Costa y Universidad Tecnológica de Bolívar.



*Universidad Simón Bolívar
Student Branch Chapter*



*Universidad Tecnológica de Bolívar
Student Branch Jt. Chapter*



*Universidad de la Costa
Student Branch Chapter*



Universidad del Norte Student Branch Jt. Chapter

We are currently working on establishing our student chapter at Unitecnar in Cartagena and Unimagdalena in Santa Marta. This expansion marks a significant step in broadening our community and creating more opportunities for collaboration and engagement in the field of computing.

3 Strategic Goals and Themes for the Society

What We want to achieve



Goal 1. Engage more students and early career professionals.



Goal 2. Engage more industry individuals and organizations.



Goal 3. Lead the new technical areas.

How the Society needs to work

- Theme 1. Empower and diversify volunteer base
- Theme 2. Enable nimbleness in execution
- Theme 3. Maintain focus on diversity and inclusion

4 Strategic Goals for the Section

Goal 1. Strengthening of Memberships and Volunteerism

Goal 2. Establishment of Professional and Student Chapters

Goal 3. Student Empowerment

Goal 4. strengthening at the national level by identifying potential Senior Members,

5 Our Mission and Vision

Our mission is to contribute to achieving society's goals by promoting the benefits of membership to attract new members and retain those who are already part of the chapter

Our Vision is to strive to become the leading IEEE Computer Society chapter in Region 9 Latin America and globally, convening impactful events that engage children, teenagers, young professionals, professionals, academia, industry, and government for the benefits of humanity.

6 Our New Members

As January ends, we are pleased to report a thriving community with a total of 65 members. This includes 8 graduate students, 47 undergraduate students, and the remaining 10 members contributing as professionals. Additionally, only 8 of our longstanding members are yet to renew their memberships. One of our goals is to promote growth in all categories and actively work to increase the number of female members.



On this occasion, we introduce Libis Vasquez, Alejandro Bernal, Maria Romero and Andriw Rollo. all IEEE volunteers.

7 Student Branch Chapter



On January 12th, we reactivated the student chapter at Unicosta with Maria Arciengas as its chair and Jorge Diaz as its advisor. Our commitment to nurturing sustainable student chapter. Moving forward, we are dedicated to working collaboratively to ensure that student chapters not only remain active but thrive. By fostering a spirit of collaboration, mentorship, and engagement, we aim to create a foundation where

student chapters become resilient, sustainable, and impactful.

Looking ahead, we are excited about the upcoming events on our agenda. Save the date for February 22nd, where we will not only celebrate the official launch of the student chapter at UTB but also convene a meeting for our professional members residing in Cartagena. Together, let's build a community that fosters growth, learning, and collaboration, ensuring the sustained success of our student chapters and the overall advancement of our shared goals.

8 IEEE CS Byte2Solution

We have kicked off IEEE CS Byte2Solution with the event that contributes to the growth and success of young professionals, positioning them as leaders and contributors in the rapidly evolving landscape of computing – IEEE CS Byte2Solution YIC (Young in Computing). Participants must be Systems Engineers with less than 5 years of graduation and can engage in one or more of the following strategies: 1) Showcase their entrepreneurial ventures through talks or podcast features, 2) Give back to the profession by conducting courses in areas where they excel, 3) Serve as judges or coaches for other initiatives like IEEE CS Byte2Solution Programming or Challenge, and 4) Participate in Professional Networking, Job, and Career Fairs. This event aligns with the goals of the Society (1,3), the theme of the Society (1), and the goals of the Section (1), and will be supported by IEEE Young Professionals Colombian Caribbean Section.

Pioneers leading the charge in this initiative include Juan Camilo Cuaó,

The banner is divided into several sections. At the top left, it features the IEEE Computer Society logo and the text 'Colombian Caribbean Section Chapter'. To the right, it displays the IEEE CS Byte2Solution YIC logo with the numbers '10100' and '11000'. Below this, there are two portrait photos of young professionals. The first photo is of Juan Camilo Cuaó, a young man with short dark hair, wearing a dark t-shirt with several patches. To his right is the logo for 'grixxo' (Technology & Engineering) and his name 'JUAN CUAO'. The second photo is of Jorge Cáceres, a young man with short dark hair, wearing a light-colored collared shirt. To his right is the logo for 'OUTSOURCE' and his name 'JORGE CÁCERES'. At the bottom of the banner, there are two logos: 'IEEE youngprofessionals Colombian Caribbean Section' on the left and 'IEEE ColCaribe Colombian Caribbean Section' on the right.

Systems Engineer from Universidad Simón Bolívar and founder of Grixxo.
Also, we have Jorge Cáceres, Systems Engineer from the Universidad del Norte and founder of JC Outsource.

9 Upcoming Events





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