



**IEEE
COMPUTER
SOCIETY**

*Colombian Caribbean
Section Chapter*

Santa Marta

**2024
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RECAP**

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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 close out the month of February, a time when many students return or enter university for the first time, I am reminded of the first goal of our society: "Engage more students and early career professionals." This is an ideal moment

to ignite a passion for IEEE and Computer Society in these new students. Considering our chapter's vision of transitioning from small to big chapter, we understand that this is an achievement in the long term. It is crucial for new students to begin their journey by leading student chapters and aspire to volunteer in their chapters. This way, when they become professionals, they will continue to carry the torch of leadership in our professional chapters, ensuring the sustainability.

Since the inception of our chapter, we have aimed to create synergy between the professional and student chapters. We aspire to be a role model for students, inspiring and supporting them along their journey. Therefore, the IEEE CS Byte2Solution program has various initiatives tailored to different interest groups, depending on the stage of life they are in. This year, we will focus on developing IEEE CS Byte2Solution KIC, WIC, YIC, Professional, Programming, Challenge, and Awards, promoting diversity and inclusion in all our activities.

I deeply appreciate those who have renewed their membership and continue to support IEEE's mission noble to advance technology for humanity and the profession. Together, we will tirelessly work towards our goals and continue to be a beacon of innovation and leadership in the community.



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

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.



3 Strategic Goals and Themes for the Society and Section

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.

Strategic Goals for the Section

Goal 1. Strengthening of Memberships and Volunteerism.

Goal 2. Establishment of Professional and Student Branch Chapters.

Goal 3. Student Empowerment.

Goal 4. Strengthening at the national level by identifying potential Senior Members, Distinguished Visitors who participate in IEEE C3 and other national and international events.

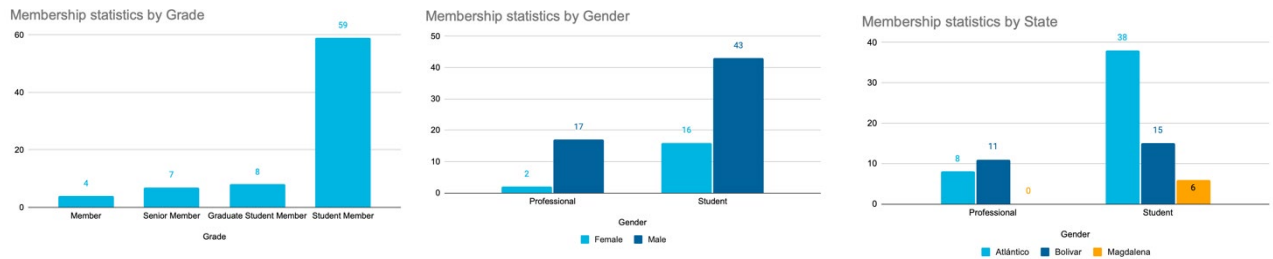
4 Our Mission and Vision

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.

5 Our New Members

As February ends, we are pleased to report our student membership grew by 25% and professional membership by 5%, resulting in a 20% overall increase. Among new student members, 33% are women, and all student branch chapters have contributed members. Thank you for being part of our growing community!



On this occasion, we introduce Alejandro Corrales, Sebastian Lizarazo, Mateo Hernandez, Melissa Villa, Esteban Espitia, Carolina Santiago, Luis Perez, Shasly Arevalo, Andres Hernandez, Nicolay De Caro, Irma Acosta and Jose Campos.



6 Recap all Chapters

6.1 IEEE Colombian Caribbean Section Computer Society Chapter

Here's a quick recap of the latest from our Professional Chapter:

- ◆ **New Vice President Introduction:** We are excited to welcome Alejandro Corrales as the newest addition to our executive committee.
- ◆ **Vacancy for WiC Representative:** Calling all aspiring women in computing! We have an open position for the role of WiC (Women in Computing) Representative. We look forward to receiving your applications!
- ◆ **IEEE Young Professional Fund Application:** Our chapter has applied for the IEEE Young Professional Fund, collaborating on the IEEE CS Byte2Solution YIC Initiative with the TEMS Chapter.
- ◆ **Launch of IEEE CS Byte2Solution KIC:** We have initiated the IEEE CS Byte2Solution KIC (Kid in Computing) project, starting with at Instituto Santo Tomas De Aquino in Malambo.
- ◆ **IEEE CS Byte2Solution Programming Registrations Open:** As a prelude to IEEEExtreme Programming, we have opened registrations for the IEEE CS Byte2Solution Programming activity. This collaborative effort includes participation from IEEE Computer Society Student Branch Chapters.
- ◆ **Expansion Efforts:** Continuing our work to establish Student Chapters, we are in the process of setting up chapters at Unitecnar and Unimagdalena. Additionally, we have initiated communications with Institución Universitaria Americana to support the creation of an IEEE Student Branch and future IEEE Computer Society Student Branch Chapter.
- ◆ **Membership Renewal Campaign:** Our 2024 membership renewal campaign has concluded! Thank you to all who renewed.

6.2 IEEE Universidad Simón Bolívar Computer Society Student Branch Chapter

Here's a quick recap of our exciting activities this February:

◆ Welcoming New Students:

During the first week of classes, we introduced ourselves to students from various engineering faculties, highlighting the benefits of joining IEEE and the Computer Society chapter.

◆ Website Sneak Peek:

On February 26th, we closed the month with a preview of our upcoming chapter and branch websites. Get ready for an enhanced online experience!

◆ Growing Community:

From February 8th to 22nd, we welcomed 7 new student members from the systems engineering community.



6.3 IEEE Universidad de la Costa Computer Society Student Branch Chapter

Here's a quick recap of our exciting activities this February:.

◆ Official CS Chapter

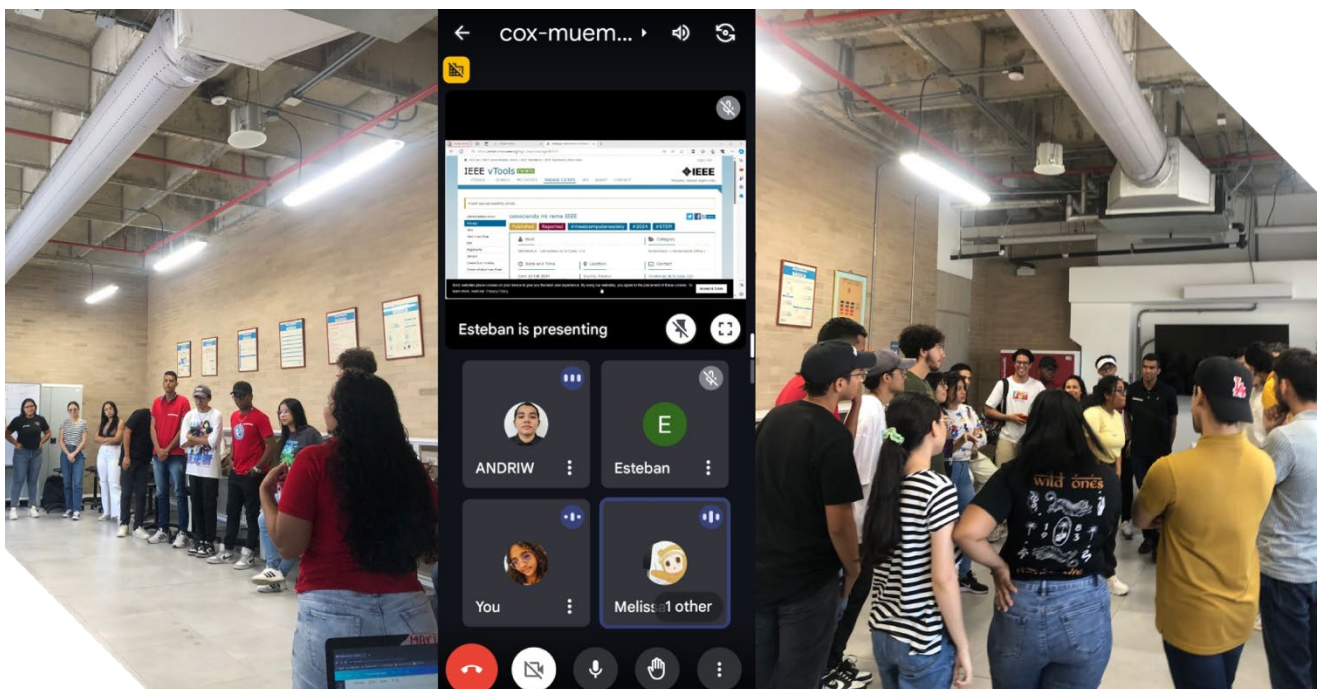
Presentation: we had the pleasure of welcoming two enthusiastic new volunteers to our team! They have taken on the roles of secretary and treasurer.



◆ **Volunteer Training Session:** In preparation for their roles, our new volunteers participated in an intensive training session: VTOOLS.

◆ IEEE.CS.Unicosta Link Tree

Completion: Provided easy access to chapter information on platforms like Youtube and Instagram, expanding our community's reach.



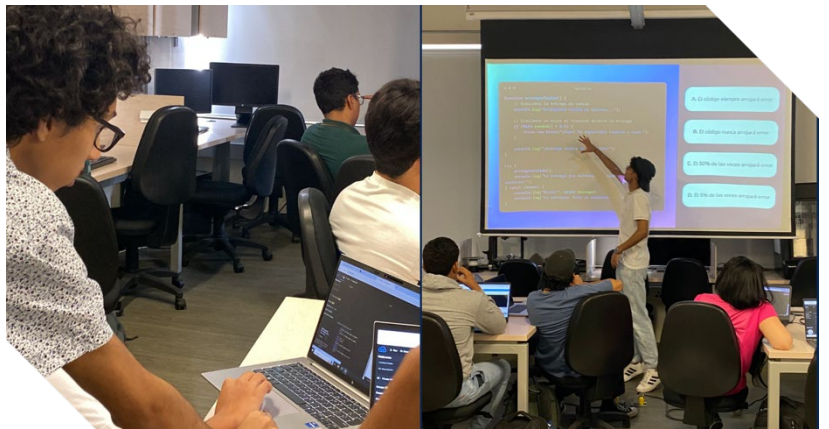
◆ **Introduction to IEEE Uninorte**

Student Branch Chapter: First official event, induction to IEEE chapters, we were able to present our chapter, the benefits it offers and the events that will be held during the semester.



◆ **Web Development Workshop**

First session of the five sessions of the workshop, with many attendees, impacting students from Uninorte and Unisimón. A space designed to offer the community tools to improve their skills and meet people.



◆ **Arduino programming**

workshop: From the basics to the creation of fun and functional projects in Arduino and electronics. In conjunction with the Student Branch Chapter EMBS Uninorte.



6.5 IEEE Universidad Tecnológica de Bolívar Computer & Computational Intelligence Societies Student Branch Joint Chapter

◆ Launch of the Student Branch Joint Chapter:

On February 23rd, a significant milestone was achieved with the official launch. This exciting event featured the distinguished participation of the Dean of Engineering, Dr. Sonia Contreras, who offered her support and congratulations to this new initiative. This launch signifies a significant step forward for our community, promoting excellence in technology and knowledge exchange in the fields of computer science and computational intelligence. We are excited for the opportunities and growth that this new chapter will bring to our students and aspiring professionals.



7 Awards, Scholarships, & Contests from IEEE Computer Society

The **Lance Stafford Larson Award** was established in 1983 by the Larson family in memorial for their son, who died in an electrical accident while an undergraduate at the University of Maryland. The Larson family, which includes IEEE Past President Robert Larson, created this award to encourage students to develop excellence in their communication skills and to motivate students toward achievement in the field of Computer Science. One award of \$500 is awarded each year to the first-place winner in the undergraduate and graduate categories. First, second, and third-place winners will receive a certificate of commendation. In the case of multiple authors, the prize is divided among all student authors. Application

<https://www.computer.org/volunteering/awards/scholarships/larson>

8 Upcoming Events

IEEE CS Byte2Solution WIC (Women in Computing) represents a significant step towards promoting diversity and inclusion in the computing field. This exciting initiative aims to empower and support women in their careers by providing a platform for learning, networking, and professional development. Led by a passionate team of professionals, the program offers a range of opportunities, from workshops and mentorship programs to networking events and collaborative projects.





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