



IEEE
COMPUTER
SOCIETY

Colombian Caribbean
Section Chapter

IEEE CS
RECAP
2024 AUGUST



SAN
ANDRÉS

**We Are the Largest Global Community of
Computer Scientists and Engineers.**

Monthly recap / Edition 008 / August 2024

CONTENT

San Andrés Island, Colombia, is a Caribbean paradise known for its white sandy beaches, turquoise waters, and vibrant coral reefs, making it ideal for snorkeling and diving. Its rich cultural blend and tropical charm offer a perfect getaway.



EXCOM

Héctor Terán

Chair

Alejandro Corrales

Vicechair

Edwin Puertas

Secretary / Treasurer

Jorge Cáceres

Webmaster



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Insights from our Chair on the chapter's progress and upcoming initiatives.

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Learn about who we are, our strategic goals, themes, mission, and vision.

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A summary of the month's activities and achievements of our professional and student chapters.

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Participate for great prizes at the end of the year.



San Andres, Colombia



“ 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 ”

Héctor Terán Chapter Chair

THANK YOU FOR YOUR CONTINUED
SUPPORT!

We want to express our deepest gratitude to all of you who acquired the 2024 membership and actively participated in our events. Your support has been invaluable in helping us achieve the strategic goals of the **IEEE Computer Society**. Together, we've worked to strengthen our community and foster innovation.

Now, a new cycle begins, and it's time to focus on acquiring and sustaining this chapter of the Computer Society within the **IEEE Colombian Caribbean Section**. We'll be here to guide you through the renewal process, ensuring you're up-to-date on available discounts, especially the special offer in early October in celebration of IEEE Day.

A special thanks to our professional members for continuously inspiring our students, mentoring them, and supporting them as proctors in the **IEEEExtreme Programming competition**. To our recently elevated members who have completed their studies and transitioned into professional engineers—thank you for continuing to be part of our community. Your dedication keeps us moving forward.

Let's continue to grow and thrive together as we embark on this new chapter!



A Year of Challenge

2025 Membership Renewal



02

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.

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.



Mission & Vision

[IEEE C3, Barranquilla 2023](#)

July 7, 23

› the date our chapter was approved.

6 Student Chapters

- › Universidad Simón Bolívar.
- › Universidad del Norte.
- › Universidad de la Costa.
- › Universidad Tecnológica de Bolívar.
- › Universidad Cooperativa de Colombia, Sede Santa Marta.
- › Fundación Universitaria Antonio de Arévalo.

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.

**V. PALACIOS****L. RESTREPO****D. GERALDINO**

New August Members

Membership Stats

7 SM

› SENIOR MEMBERS

7 M

› MEMBERS

13 GSM

› GRADUATE STUDENT MEMBERS

152 ST

› STUDENT MEMBERS

03

Membership

Closing the 2024 Membership Cycle and Welcoming 2025

We wrapped up the 2024 membership cycle in August, welcoming new members each month. A special thanks to our latest 2024 members, Luis and Daniel—welcome aboard!

Looking ahead, we invite everyone to renew their 2025 membership and continue growing with us.

A warm welcome to our first 2025 member, Valeria Palacios! We're excited to have you with us.

Karina Arango

Systems engineering student at Universidad de la Costa

This month, we highlight Karina Arango, who leads the IEEEExtreme Programming 18.0 ambassadors in the IEEE Colombia Caribbean Section. Alongside other volunteer leaders from various student branches within the section, they collaborate to bring this edition of the competition to life



04



- › This anniversary not only marks a special milestone for us, but we also had the honor of joining the celebration of IEEE's 140th anniversary.
- › It was a privilege to commemorate both our first year and IEEE's remarkable legacy of 140 years of innovation and excellence



Recap all CS chapters

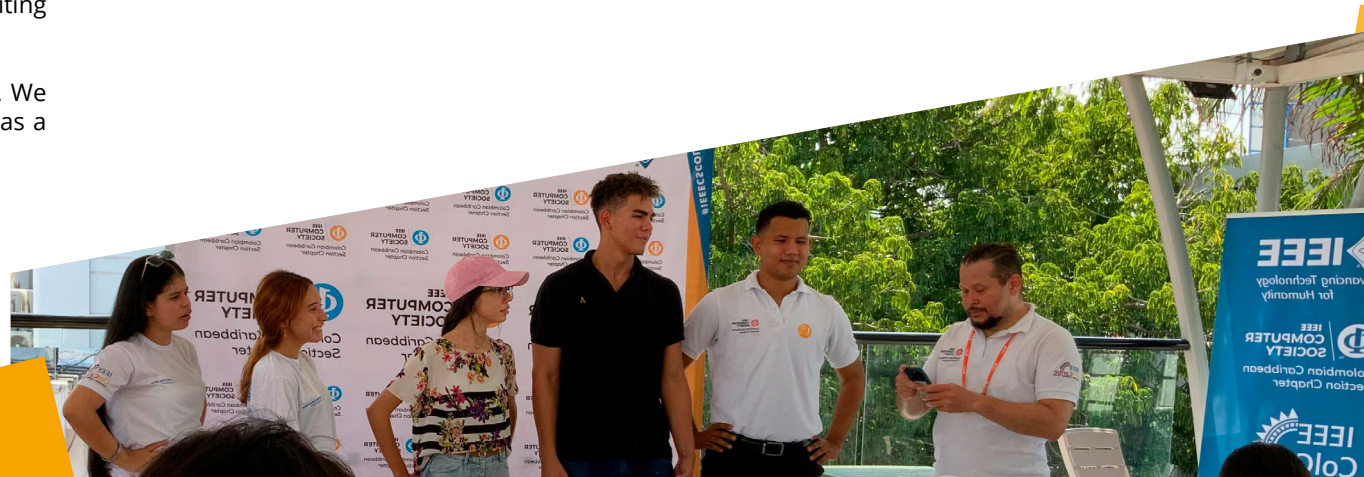
IEEE Colombian Caribbean Section Computer Society Chapter

August marked a special milestone for us as we celebrated our first anniversary! We had an amazing afternoon filled with fun contests, exciting prizes, networking, and of course, delicious pizza.

Thank you to everyone who joined us, making it a memorable event. We look forward to many more years together, growing and celebrating as a community.

Let's keep the momentum going—this is just the beginning!

This anniversary marks the beginning of a new chapter filled with opportunities and growth. Together, we have achieved great things, and we're excited for what lies ahead. Let's continue working together to build an even brighter future!





IEEE Universidad de la Costa Computer Society Student Branch Chapter

Following the successful introduction of the IEEE CS Student Branch Chapter to new students, the NGT Workshop Tech (NexGen Workshop Tech) was held, aimed at teaching the basics of Python programming. The event was divided into three sessions, covering basic, intermediate, and advanced levels, with both in-person and remote participation. The sessions took place on August 13, 20, and 29 in the afternoon, providing participants the opportunity to learn and strengthen their programming skills.

Highlights

3 days

› teaching Python programming to students of different skill levels

2 Tutors

› Andriw Rollo
› María Pua

50+

› participants joining in-person and remotely, providing a comprehensive learning experience for all attendees.

Maria Camila, IEEE CS CUC Chapter Chair



Richard E. Merwin Student Scholarship

The IEEE Computer Society is offering \$40,000 in scholarships to reward active student volunteers in IEEE Student Branches or IEEE Computer Society Student Branch Chapters. Scholarships, up to \$1,000, are available for students who demonstrate leadership and academic promise. Named in honor of Richard E. Merwin, past president of the IEEE Computer Society, the award also provides recipients the opportunity to serve as IEEE Computer Society Student Ambassadors for one year. Applications for the Fall Cycle are open from September 1 to September 30.

Eligibility Criteria:

- › Open to undergrad and grad students in computer-related fields.
- › Must be active IEEE Computer Society members for at least 3 months.
- › Undergrads must be in their final two years of study.
- › Minimum GPA of 2.5/4.0 required.
- › Must be full-time students with at least one year left in their degree or pursuing further study.

Letter of Recommendation:

- › If you meet the eligibility criteria, you can request a letter of recommendation by emailing hecter@ieee.org

IEEE XTREME 18.0

Support Our Students Members in IEEE Xtreme 2024!

PROGRAMMING



Our chapter is excited to join IEEE Xtreme this year with a record number of student participants. We've been preparing through the IEEE CS Byte2Solution initiative and invite professional members to support as proctors. Proctors, who must be full IEEE members, help oversee the competition and encourage

students. Your support is vital for creating a great experience for our future engineers. For more details on proctor requirements, please visit [IEEE Xtreme Proctor Information](#)



Upcoming events

The new membership year is about to begin!

06

The new membership year is about to begin! Renewal for the upcoming year is now open. By renewing early, you ensure uninterrupted access to all the benefits and resources IEEE offers. The full-year dues cycle starts soon, so don't wait—secure your membership for the following year today!

Renew now at <https://www.ieee.org/membership/renew.html>.

07 Recap Key

We encourage you to input your public key via the provided link, along with the private key sent to your email, for a chance to win discounts on professional and student memberships. The draw will take place in December. <https://r9.ieee.org/colombian-caribbean-computer/recap-key/>

1448

Public Key





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