



**IEEE
COMPUTER
SOCIETY**

*Colombian Caribbean
Section Chapter*

IEEE CS

RECAP

2024 SEPTEMBER



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

Monthly recap / Edition 009 / September 2024

CONTENT

Riohacha, the capital of La Guajira, is a coastal city known for its beautiful Caribbean beaches and rich cultural heritage. It serves as the gateway to the stunning desert landscapes of the Alta Guajira, home to the indigenous Wayuu people, blending natural beauty with tradition.

EXCOM

Héctor Terán

Chair

Alejandro Corrales

Vicechair

Edwin Puertas

Secretary / Treasurer

Jorge Cáceres

Webmaster



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01.

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

02. About US

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

03. Membership

Discover member statistics and meet our new members of the month.

04. Recap all CS Chapters

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

05. IEEE & CS News

Stay updated with the latest news and developments within the IEEE Computer Society.

06. Upcoming events

A look at the upcoming events and activities you won't want to miss.

07. Recap Key

Participate for great prizes at the end of the year.



Identidad, Riohacha

“ 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

A TIME FOR GROWTH AND CONSOLIDATION

This year has been remarkable in terms of growth for our chapter. Our membership has expanded, and now, it's time to focus on consolidation and ensuring the retention of our valued members. We've organized various activities to keep our members engaged, especially to inspire students. Our goal is to ensure the chapter remains sustainable and that today's students become the leaders of tomorrow.

October is a special month for us, as we celebrate the 15th anniversary of IEEE Day, which comes with exclusive membership offers for new professional members and student memberships. In addition, we will experience one of the significant benefits of bringing in a Distinguished Visitor, who will join us for the IEEE CS Byte2Solution Young in Computing event at both Universidad Simón Bolívar and Universidad del Norte. Moreover, we are excited to support the IEEE Tropic Topic Tour in Montería.

We sincerely thank all of you for being part of our journey in 2024, and we encourage you to renew your membership for another great year ahead. If you encounter any issues with the renewal process, don't hesitate to reach out to me directly. Together, we can continue building a strong and vibrant chapter!



A Year of Growth

Now Comes the Year of Consolidation



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

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.

JUAN DURÁN



IEEE
COMPUTER
SOCIETY

Universidad Simón Bolívar
Student Branch Chapter

Membership Stats

7 SM

› SENIOR MEMBERS

7 M

› MEMBERS

13 GSM

› GRADUATE STUDENT
MEMBERS

153 ST

› STUDENT MEMBERS

Membership

Opening the 2025 Membership
Cycle

03

From September 29 to October 12, 2024, take advantage of these exclusive coupons from IEEE Day and IEEE Computer Society:

- » US\$30 off IEEE membership for full dues paying higher-grade members (new or returning after a 2-year break). Use code: **IEEEDAY2430**.
- » 50% off the 2025 IEEE CS professional membership with code: **CSIEEEDAY24**.
- » Free student membership for IEEE CS 2025 with code: **CSIEEEDAYSTU24**.

[New July Members](#)

Maicol Vivero

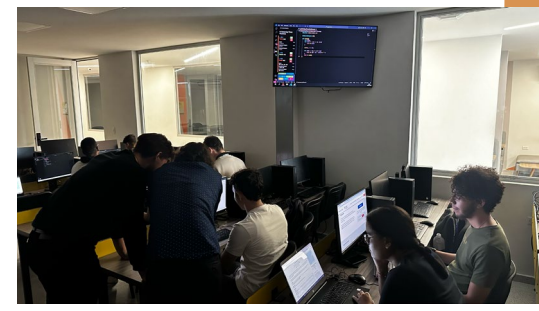
Sixth-semester systems engineering student at Unitecnar, Cartagena.

This month, we spotlight Maicol Vivero, who plays a key role as co-leader of the IEEEExtreme Programming 18.0 ambassador team in the IEEE Colombia Caribbean Section. His leadership, alongside other dedicated volunteers from various student branches, is instrumental in driving the success of this year's competition within the section.





› IEEEExtreme Training Sessions.



› Training

Recap all CS chapters

IEEE Colombian Caribbean Section Computer Society Chapter

September has been a key month for reflection and adjustments to our 2025 business plan, while we prepare for an October full of exciting activities. Here's a summary of the most important highlights:

IEEE CS Byte2Solution Kic (Kids in Computing): Progress has been delayed due to the heavy rains this season, but activities will resume in October with renewed energy. We remain committed to achieving the goals of this vital program..

IEEE CS Byte2Solution Beyond Binary: We proudly support the MatEIA project, which helps young people with learning difficulties in mathematics through a tool tailored to their learning styles, focusing on individuals with cognitive disorders and children.



IEEE CS Byte2Solution Programming: Thanks to the efforts of the ambassadors, all preparations are underway to ensure everything is ready for the event, which will take place from October 25th to 26th. This event is set to be a key opportunity to continue promoting programming among our participants.

IEEE CS Byte2Solution YIC (Young in Computing): Everything is set for this event, which will also be part of the IEEE Day celebrations. It will be a special occasion to bring the community together, highlight our achievements and upcoming challenges, and feature a visit from DV ADEL Elmaghraby along with four young entrepreneurs.

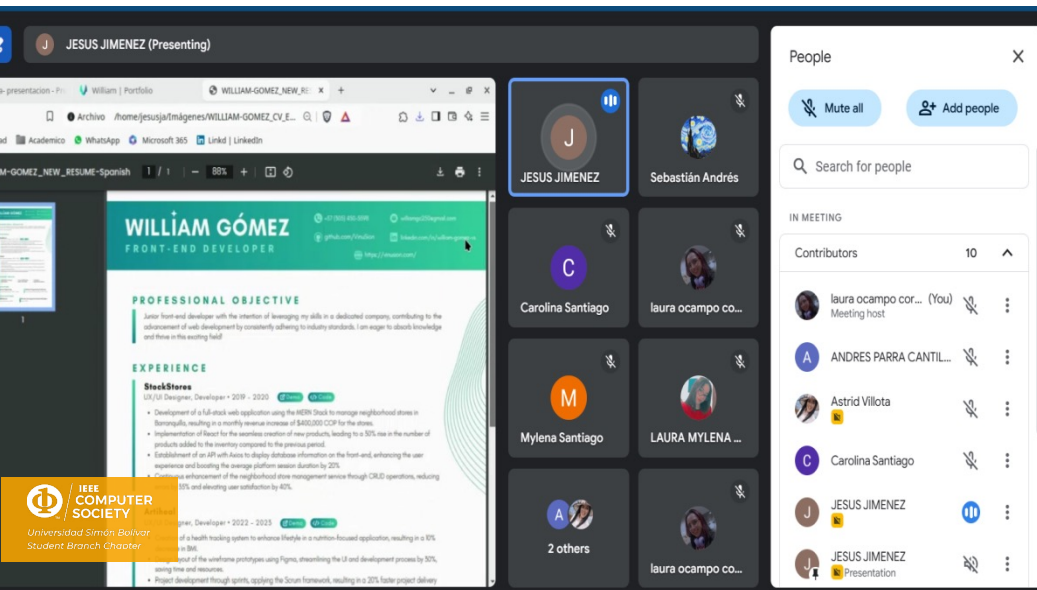
› Promoting the

IEEE Universidad Simón Bolívar Computer Society Student Branch Chapter

Workshop

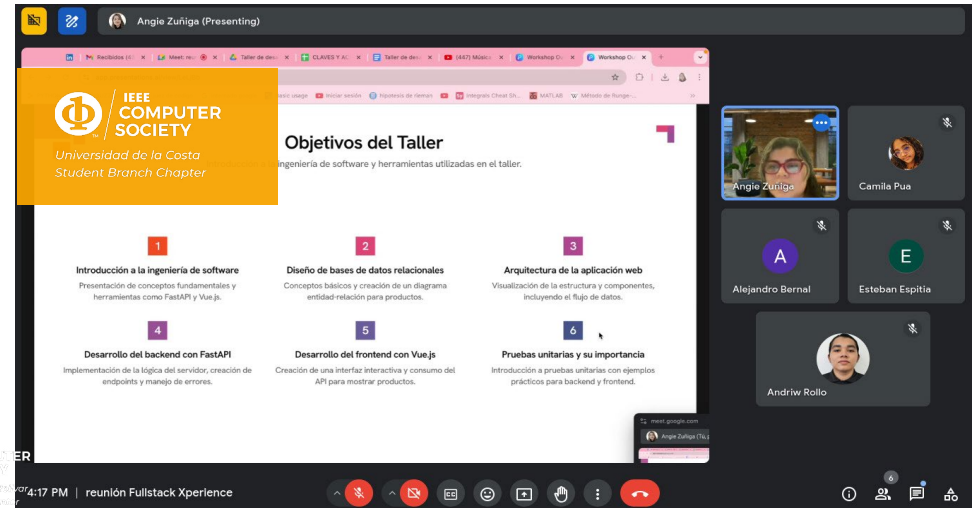
› Enhancing Career Opportunities through Resumes and LinkedIn Optimization.

On September 25, 2024, the “Boost Your Future” workshop focused on teaching participants how to design attention-grabbing resumes and optimize LinkedIn profiles. The workshop highlighted how LinkedIn helps users stand out, build valuable connections, and increase their chances of securing a job



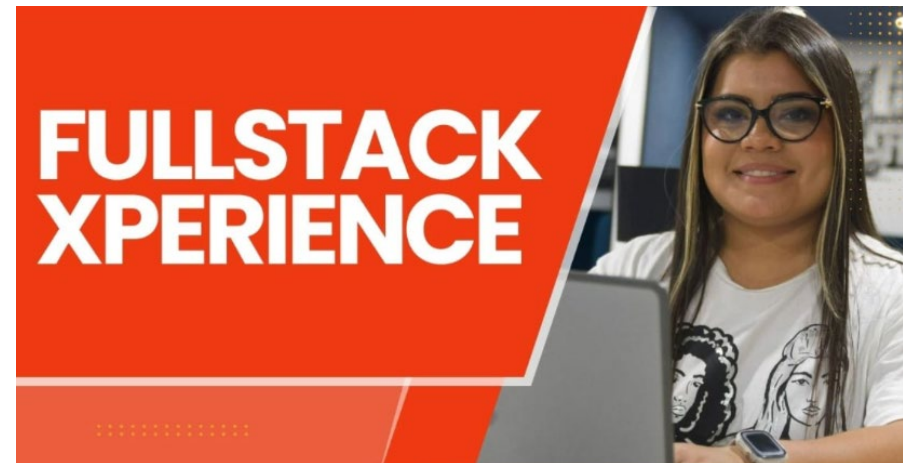
Webinar

IEEE Universidad de la Costa Computer Society Student Branch Chapter



Continuing the NGT Workshop series, the IEEE CS Unicosta Student Branch Chapter organized a new event focused on backend and front-end web development: the NGT Workshop - Fullstack Xperience.

The practical workshop was preceded by two staff meetings, held on September 11 and 27, where important details such as the schedule, necessary equipment, and venue arrangements were discussed.



FULLSTACK

05

IEEE & CS

News

Lance Stafford Larson Student Award

The Lance Stafford Larson Student Award recognizes outstanding student papers on computing topics, encouraging excellence in communication skills and advancing innovation in the field. Two awards of \$500 are presented annually, one to an undergraduate and one to a graduate student. The award was established in memory of Lance Stafford Larson, aiming to inspire students in their academic pursuits within computer science. The submission deadline for the award is October 31, and it is open to IEEE student members. The submission deadline for the award is October 31, and it is open to IEEE student members. For more details, you can visit <https://www.computer.org/volunteering/awards/scholarships/upe-student-award>

Upsilon Pi Epsilon Student Award

The Upsilon Pi Epsilon (UPE) Honor Society Award is designed to recognize academic excellence among future computing professionals. Each year, up to four awards of \$1,000 are granted to IEEE Computer Society members. In addition to the monetary prize, winners also receive a certificate of commendation and a one-year subscription to a Computer Society publication. The award is aimed at both undergraduate and graduate students who demonstrate outstanding academic achievements and involvement in computing-related extracurricular activities. For more details, you can visit <https://www.computer.org/volunteering/awards/scholarships/upe-student-award>

D&I

Project & Program Proposals

The IEEE Computer Society is currently accepting proposals for projects, programs, and events that promote diversity, equity, and inclusion within the computing community. These initiatives aim to address underrepresentation and foster an inclusive environment. Funding for approved proposals ranges from \$5,000 to \$15,000, depending on the project's scope and potential impact. Eligible projects should focus on increasing participation and engagement from diverse groups in computing, including outreach, mentorship, and community-building activities.

Proposals are evaluated based on their alignment with the IEEE Computer Society's mission and goals for diversity, as well as their feasibility and potential for long-term impact. The deadline for submissions is October 8, 2024. Interested applicants are encouraged to submit detailed proposals outlining their objectives, methodologies, and expected outcomes.

This initiative is part of the Computer Society's broader commitment to supporting inclusive growth in the tech industry by providing resources and opportunities that address systemic barriers.

DIVERSITY & INCLUSION





06

Upcoming events

Celebrating 15 Years of IEEE Day: Join Us This October!

In October, we have an exciting lineup of events to look forward to:

- » **October 2nd:** The IEEE Byte2Solution YIC event will take place, with sessions in the morning at Unisimon and in the afternoon at Uninorte.
- » **October 5th:** We will be supporting the IEEE TTT event, organized by the section.
- » **October 25th-26th:** For the first time, we will host a 24-hour venue for the IEEEExtreme Programming competition, providing a continuous space for participants to compete.

07

Recap Key

We invite you to submit your public key through the provided link, using the private key sent to your email, for a chance to win discounts on professional and student memberships. The raffle will be held in December. <https://r9.ieee.org/colombian-caribbean-computer/recap-key/>

1662

Public Key

We know we've mentioned it before, but we don't want you to miss out on this opportunity—act now and take advantage of these exclusive offers!

- » US\$30 off IEEE membership for full dues-paying higher-grade members (new or returning after a 2-year break). Use code: **IEEEDAY2430**.
- » 50% off the 2025 IEEE Computer Society professional membership with code: **CSIEEEDAY24**.
- » Free student membership for IEEE Computer Society 2025 with code: **CSIEEEDAYSTU24**.



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