IEEE COMPUTER SOCIETY

Colombian Caribbean Section Chapter

MONTERÍA

2024
MAY
RECAP

7.7.2023

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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. Hecter. "

First and foremost, we are pleased to announce the approval of the new Student Chapter at Unitecnar. We will soon kick off the launch event to officially welcome this exciting addition to our family. This student chapter joins the existing ones at Uninorte, UTB, Unisimon, CUC, and UCC Santa Marta. But that's not all; we are still working to ensure that every university with related programs has its own student chapter.

As for our current activities, we continue with our training sessions for the programming competition. We have the sectional competition scheduled for August 10th and the global competition on October 26th. We are arranging suitable space for the programming selection competitors, so get ready to give it your all!

On another note, in the KIC, we have completed the selection of activities that we will use for our preparation. These activities will help us achieve our goal of accumulating 100 hours of coding. We are excited about the progress we have made and the learning that awaits us on this journey.

Finally, we are delighted to share that we have been adding new members to the chapter every month this year, both professionals and students. Thank you all for your support and participation!

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

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.

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IEEE COMPUTER SOCIETY
Colombian Caribbean Section Chapter

IEEE ColCaribe
Colombian Caribbean Section

IEEE COMPUTER SOCIETY
Universidad Simón Bolívar Student Branch Chapter

IEEE COMPUTER SOCIETY / IEEE Computational Intelligence Society
Universidad Tecnológica de Bolívar Student Branch Jt. Chapter

IEEE COMPUTER SOCIETY
Universidad de la Costa Student Branch Chapter

IEEE COMPUTER SOCIETY / IEEE ComSoc IEEE Communications Society
Universidad del Norte Student Branch Jt. Chapter

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Universidad Cooperativa de Colombia Sede Santa Marta Student Branch Chapter

IEEE COMPUTER SOCIETY
Fundación Universitaria Antonio de Arévalo Student Branch Chapter

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

Throughout 2024, our community has continuously grown, welcoming both students and professionals. This ongoing expansion highlights the dynamic and inclusive spirit of our chapter. To our newest members, we extend a warm welcome and invite you to join us in shaping the future of technology together..
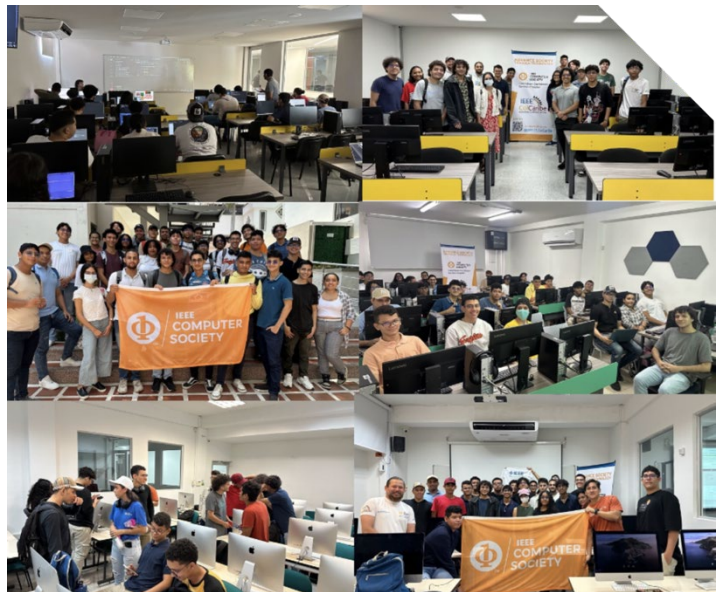
On this occasion, we introduce:

6   Recap all Chapters

6.1   IEEE Colombian Caribbean Section Computer Society

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

◈**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 CS Byte2Solution Programming:** We are now in the training and team formation phase. We have secured sponsorship from institutions such as Universidad Simón Bolívar and Universidad de la Costa.

◈**IEEE CS Byte2Solution KiC:** The project is currently in the design stage, selecting activities from TryEngineering, Code.org, and Code with Google.

◈**Alliances:** We partnered with the first artificial intelligence hackathon, Barranqui-IA, organized by Google Developer Group. Several of our student members participated in the competition.

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

◈ **Workshop: Introduction to Pandas** with Erick Donado laid the foundation for machine learning. It introduced Pandas, a Python library specialized in data analysis and manipulation, which simplifies understanding machine learning..

◈**Workshop: Data Analysis and Visualization with Python:** This event focused on using Python for data analysis and visualization. It was a great success, with high attendance and evident interest from participants eager to learn more about Python.

◈**Workshop: Exploring the World of eXeLearning:** with Jimmy Garcia This workshop focused on eXeLearning, an open-source program that enables users to create educational content for digital platforms without needing expertise in HTML or XML

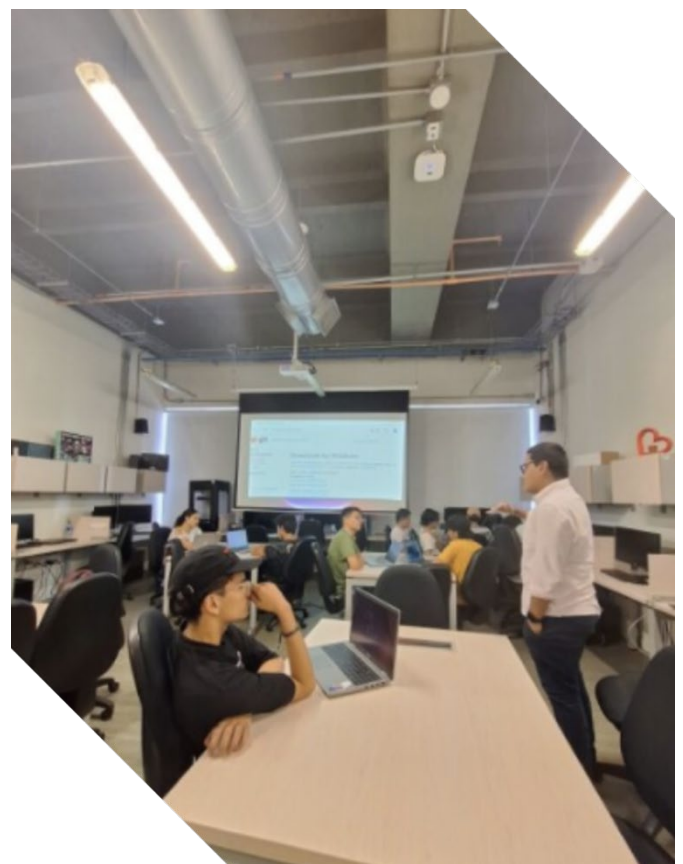Here's a quick recap of our exciting activities this May:

◈**Forming Team** Efforts were focused on completing the teams for the IEEE CS Byte2Solution Programming competition. As a result, at least six new members were successfully incorporated into the IEEE Computer Society Student Branch Chapter CUC, bringing the total to 14. Additionally, Karina Arango, a member of this chapter, has been elected as the Lead Ambassador for the IEEEXtreme Programming...

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

◈ **Git workshop:** The workshop covered everything from the basics to advanced techniques, including repository creation, branch management, code merging, and conflict resolution. Attendees engaged in hands-on practice, resolved queries, and shared experiences, making the workshop an interactive and enriching experience.

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

◈**Mother's Day and Women in Mathematics Day:** This event honored the vital roles women play in our lives and their essential contributions to mathematics. Through inspiring talks and special activities, we emphasized the importance of inclusion and diversity in science and technology.

◈**World Telecommunication and Information Society Day:** Experts discussed how telecommunications and the internet are transforming our lives and the challenges and opportunities in the digital age. This event emphasized the importance of a more connected and accessible world for all.

◈**Programming Training :** May was a month of intense preparation for our students, featuring two training sessions for the IEEEXtreme programming competition. With guidance from experienced mentors and rigorous practice, participants honed their skills and strategies, preparing to tackle complex problems under pressure.

◆**Introducing IEEE CS Chapter at Unitecnar: Meet Our Executive Committee:** Excited to announce the approval of the new CS chapter at IEEE Branch Unitecnar! The executive committee election resulted in the following winners: Karen Quintana as Chair, Maicol Vivero as Vice Chair, Omar Sanabria as Treasurer, Daliana Molano as Secretary, and Lucia Bustamante as Webmaster. Congratulations to all! Stay tuned for our upcoming launch event and other activities outlined in our business plan. More details coming soon!

7   D&I Fund Proposals

The IEEE Computer Society Diversity & Inclusion Committee is inviting proposals for projects, programs, and events aimed at advancing its mission to enhance diversity, equity, and inclusion within the computing community.

Application

https://www.computer.org/about/diversity-inclusion/project-proposals

8   Upcoming Events

The goal of **IEEE CS BYTE2SOLUTION** *Beyond Binary* is to promote diversity and inclusion within the computing community by seeking initiatives to support their efforts through the D&I Fund Proposals call. The IEEE Computer Society is helping members build a more diverse and inclusive community, and our chapter is joining these efforts.

9   Recap Key

We invite you to enter your public key in the designated link, alongside the private key sent to your email, for a chance to enter a draw for discounts on professional and student memberships. This draw will take place in December. https://r9.ieee.org/colombian-caribbean-computer/recap-key/

PUBLIC KEY : 3833

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