JNCAA Newsletter

Dec 2022

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Juniper Academic Alliance Educating Learners Who Connect the World!

Welcome to the JNCAA Newsletter's last edition for 2022. We celebrated the year 2022 by reaching thousands of students and educators and fulfilling our mission to power an inclusive future for all. Through the breadth of our high-quality curriculum, learning pathways and inclusive workforce development program along with our unmatched ecosystem of partnerships with governments, academic institutions, and non-profits, we are one of the longest-running, purpose-driven digital skills program in the world.

Check out Juniper Training & Certification portal to keep up to date.

We have some exciting new developments to share with you around this topic. In this newsletter we will also be shining a light on regional highlights.

Juniper Branded Networking Lab at University of Colorado Boulder

The University of Colorado Boulder Department of Computer Science's Network Engineering Lab received a

University of Colorado Boulder

donation of 28 pieces of equipment through Juniper Networks Cloud & Automation

Academy. The equipment, including routers, switches, and virtual machine licenses for Juniper's products, will
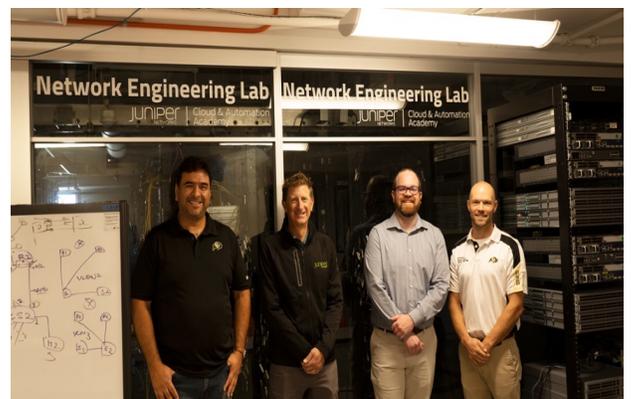
provide valuable hands-on experiences to students in the Network Engineering master's program.

José Santos, the Network Engineering Lab's director, said investments by industry partners like Juniper help keep the network engineering professional master's program relevant. "These relationships feed our instructional materials and keep our lab facility up to date with emerging technologies," he said.

To celebrate this recent donation and partnership, Juniper Networks was on campus in November. This included a tour of the lab and a speaking event where Mike Bushong, VP of Data Center Product Management at Juniper Networks, spoke to computer science student

about the future of networking, cloud, and AI.

Juniper Networks first connected to the program at CU Boulder over nine years ago. Throughout the course of the relationship, Santos estimates over 50 graduates have been recruited by Juniper. This has made the company's continual support through equipment, licenses, and certification opportunities even more important. Santos said, "It's a win-win for everyone. Students get some top-of-the-line training using equipment from a major vendor. Juniper and corporations using Juniper solutions recruit our students. Our program maintains its leadership by accessing some of the latest features and technologies, and we continue to create the relevant workforce the market needs to operate."

JNCAA Insights: New Digital Learning Experiences

ICT Teacher's Day a Resounding Success!

With the participation of 170 instructors from 42 Dutch schools, the ICT Teachers' Day organized by the non-profit foundation. Stichting Praktijkleren's on December 8th was a great success. According to project lead, Theo Broenen, the goal was to strengthen bonds between schools, the foundation, and partners, like Juniper Networks. As testimony to the success of this networking event, Broenen affirmed "ICT Teachers' Day was fully booked within three weeks of the first announcement and there was standing room only for the plenary sessions".

Rob Gipman, from ICT Campus, for example has been teaching networking skills primarily on a single vendor's products, but in today's multi-vendor world he believes his "students need to learn more about other vendors". Alpha College instructor Sander de Groot echoes this vision, "we need to teach students open standards and not be locked on one vendor. Often students learn how to do something on [one vendor's] equipment but cannot translate the actions to another context". To overcome this handicap, Alpha College integrates multi-vendors in their curriculum and students learn a broader range of skills.
Juniper is actively recruiting schools into our JNCAA program,

Photo: Vista College instructor, Gabrielle Winckers impresses visitors to Juniper's stand with a card trick.

and we were eager to participate in ICT Teachers' Day. Our goal is to train, certify and attract more young talent to Juniper. To this end, Andrei Tuzhilin and Andrei Rusinov from the Customer-Focused Technical Support (CFTS) team greeted visitors at Juniper's stand. Their enthusiasm and energy enabled Juniper to exchange with a wide range of ICT professionals.

Speak to your Program Manager for further information on how to become JNCAA member

Learner in Spotlight

Robert Wang was a summer 2022 intern at Juniper in the Engineering department in Sunnyvale. He is currently getting his M.S in Telecommunications at the University of Maryland-College Park.

In his own words:
"Several months ago, I enrolled in these amazing courses, JNCAA-Junos and JNCAA-DevOps. There is no doubt that I have learned a lot. It is very friendly for college students, but also has a lot of useful and well-organized knowledge, which helped me have a more comprehensive understanding about the whole Junos system and network knowledge. My favorite part is that it has a virtual environment for us to practice, I learnt how to use the lab according to the tutorial, and finally could build and test my own system. How exciting it is to visualize virtual networks and get good results. Thanks to this domain knowledge, I successfully got an offer for the internship from Juniper Networks.

The knowledge of the network is useful and endless, and I will continue to work on it, take more JNCAA courses, and get certifications. I also sincerely recommend it to all students who is interested in Networks!"

We Want to Hear from You!

We value your feedback!

Want to share an idea about what you would like to see us do differently? Our team would LOVE to hear about how we can better serve your needs in 2023.

Feel free to send a message directly to jncaa@juniper.net.

Follow us on Social Media!

#JNCAA