ProArt
Power Up Your Imagination

school-ing

Adan Martin
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KEY INFORMATION

Customer: School-ing
Location: Madrid, Spain
THE ROOKIES - Best Architectural Visualization School in the World 2022

CUTTING-EDGE TOOLS FOR ARCHITECTURAL VISUALIZATION

THE CHALLENGES

In an industry where visual representation is everything, architecture visualization understandably relies heavily on technology. New innovations such as virtual reality, real time rendering and cloud-based collaborations are ways to create more realistic experiences for customers. To be able to produce more accurate and realistic images, School-ing needs technology that can run different applications simultaneously and represent these visually at high fidelity. It is not only about displaying beautiful images, but also about the entire development process that is an essential part of architecture visualization.
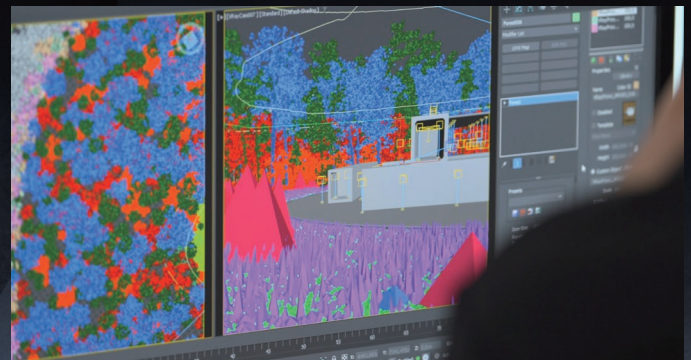
Located in the heart of Madrid in Spain, School-ing is a school specializing in 3D Architectural Visualization (ArchViz). With a twist to traditional training, School-ing brings the reality of the professional market into the classroom, offering tools to help students to develop their artistic and creative potential. Its flagship course, called Professional Architectural Visualization, is focused on professional projects that are built around real challenges where students learn how the profession works, what kind of technical skills are required, and what the creative process is behind architectural visualization. Other courses and workshops School-ing offers focus on specific areas and skills needed in the industry such as 'Unreal Engine 5 for ArchViz'. These courses are ideal for professionals who want to keep up with cutting-edge tools, specialize, or expand their range of skills.

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THE SOLUTION

Workstation built for real-time rendering

After installing the COOLPC Creator Workstation powered by ASUS ProArt Motherboard in its classroom, School-ing noticed a significant improvement in its rendering times by 15%, which has greatly enhanced the school's efficiency Being able to work in real-time during their development process, helps their students and the professionals to create materials with more attention to detail. With this workstation, the school can now display realistic visual experiences for their clients and keep the work experience as comfortable as possible.
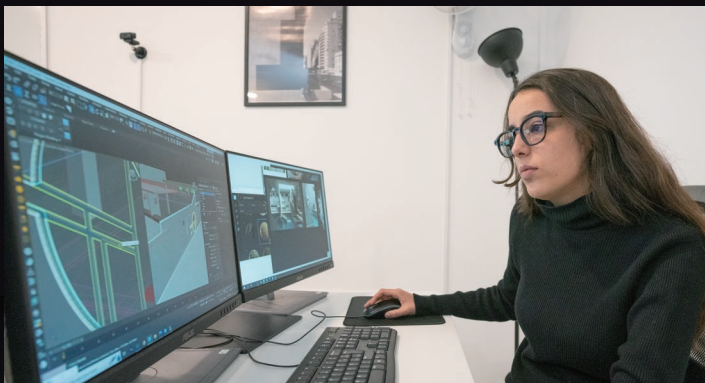
"It has been a huge difference with other machines we have had and it is very comfortable to work with" comments Peru Medem, Teacher of the Unreal Engine course

Since the workstation comes with multiple connection ports, School-ing can now combine the latest innovations such as virtual reality and other types of external devices as part of their workflow.

Quality representation of images

School-ing needs monitors that can display their work as accurately as possible. With the ASUS ProArt PA32UCR-K monitor added to its teaching space, School-ing has noticed improvements in its workflows. The 32" inch monitor enables its students to work with multiple applications simultaneously to ensure they learn versatile and productive workflows. Since the monitor comes with a factory calibrator, the school can be guaranteed that their work stays at the highest quality. "Despite this, we don't have to calibrate so frequently because the panel is of such a high quality." said Academic Director, Eduardo Rodriguez.

Its second monitor is the ASUS ProArt PA247CV. By having a factory calibrated monitor by Calman, it gives the students a high amount of fidelity in the use of color and stability in their daily work. Eduardo mentions how an accurate representation color is crucial for their line of work. "The representation of images with good quality, with precise colors that are detailed is something fundamental in our work, because we really work with images that have to be visually attractive" he says.

THE OUTCOME

"The ability to have almost instant feedback allows us to make material composition decisions on the fly about lighting and this ultimately allows us to create much better images in less time," says Adan. Using industry-standard equipment, the school can now create more complex scenes, with more details and with greater realism. Having the ASUS monitors and workstation, the school can power the real time engines that can push their visualizations to the next level.

"These are products that we admire, and we would love to continue collaborating with ASUS in the future." concludes Adan.

PRODUCT INSTALLED

Powered by ASUS

Case Study Video

ProArt PA32UCR-K
32" 4K, HDR-10, HLG, 1000nits peak brightness, 98% DCI-P3

ProArt Display PA247CV
24" FHD, 100% sRGB/ Rec. 709, Calman Verified color accuracy

COOLPC Creator Workstation powered by ProArt X670E-CREATOR WIFI
2 x Thunderbolt 4 ports, 10Gb & 2.5Gb Ethernet ports

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