Launch Your Creativity
Summer at CSI
July 11-August 11

The magic in every camper comes to life as never before when they are empowered to be as creative as they were all born to be! Our instructors have more than a decade of experience designing camps in the S.T.E.M. and Digital Arts fields. Every program is powered by the camper’s innate imagination and designed to bring their ideas to life in a fun, hands-on, learning environment. From concept to creation, students will demonstrate their masterpiece to the world at the end of each week!

All programs mirror real-life experiences and the collaborative nature of the design process. Students will work in pairs or teams for most of the program.

Minecraft™ Designers and Animators
If you love the game Minecraft, but always wanted to design your own characters and buildings for your games, this class is for you! Learn the basics of creating 3D models using a new software to design your very own objects, create skins for characters, and import them into your favorite Minecraft games. Bring your favorite Minecraft™ characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like *Inside Out* and *Frozen* using techniques like keyframing, tweening, texturing, and animating rigged 3D models! Discover the basics of modding and the foundations of programming, and learn scripting and logic statements as you create your first mod! Introductory coding is also taught through a simulated environment inspired by Minecraft™.

You do not need to own a Minecraft account to use the software.

Students work in teams for most of the program.

July 11-July 14
Ages 8-13
4 Sessions, 24 hours
9:00am-4:00 pm
$400

New! 3D Video Game and Maker Lab Creations
Develop a game concept that goes well beyond the limitations of traditional 2D game design classes. Learn the physics behind 3D games, explore beginner event scripting, level design, controlling flow of game play, and storytelling. Design your first action figure, fashion custom jewelry, or a new creation! Using professional-level modeling software, sculpt, texture, and learn to render your own 3D creation. If you can dream it, you can make it!

No previous experience is necessary.

Students work in pairs or teams for most of the program.

3D printing is not included, but can be purchased separately through a third-party company.

Student-created games will be available on a password-protected Black Rocket Website to share with friends and family on the last program day and beyond.

July 18-July 21
Ages 8-13
4 Sessions, 24 hours
9:00am-4:00 pm
$400
**Code Breakers and App Designers**

Calling all future coders, programmers, and designers! Learn the basics of coding languages like HTML5, JavaScript, and CSS through a series of Web projects and design challenges each day, and take the first step toward becoming the next tech star! Also, enter into the world of mobile app design and customize your own game app! Using a specialized game development tool, students will explore the world of phone-based and tablet applications. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of app publishing functions.

Parents may choose to publish apps if certain criteria are met; final decisions are at the sole discretion of Apple or Google.

Student-created apps will be accessible on a private site and can be played on any mobile device or computer.

Students do not need to own a smartphone or tablet to enroll in this program.

No previous experience is necessary. Returning students can take previous projects to a new level!

July 25 - July 28
Ages 8 - 13
4 Sessions, 24 hours
9:00am - 4:00pm
$400

**Video Game Creators & Animators**

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, challenge levels, graphics, sounds, and simple coding are just some of the concepts that we'll explore. Then take your game design to the next level by creating and animating your own character sprites, objects, and backgrounds. Develop the character’s personality, signature moves, special powers, and a story line. Finish with a fully animated character to be used in your games. No prior experience necessary, just a desire to have fun.

Student-created apps will be accessible on a private site and can be played on any mobile device or computer.

Games are only compatible on PC computers, Mac versions can be created after the program for a $15 conversion fee.

Students will work in pairs or teams for most of the program.

August 1 - August 4
Ages 8 - 13
4 Sessions, 24 hours
9:00am - 4:00pm
$400

**Minecraft™ Designers & Modders**

Design your own characters and buildings and import them into your favorite Minecraft™ games! Discover the basics of modding and the foundations of programming. Share your creations with friends and family on the last day!

August 8 - August 11
Ages 8 - 13
4 Sessions, 24 hours
9:00am - 4:00pm
$400

http://qrs.ly/ty4d85g