



# CODE NINJAS®

## 2019 Summer Camps O'Fallon, MO

### Weekly Schedule

**Full-Day: 8am-4:30pm    Half-Day AM: 8am-12pm    Half-Day PM: 12:30-4:30pm**

**Full-Day Price: \$300**

**Full-Day Code Drones Price: \$400\***

**Half-Day Price: \$175**

**Half-Day Code Drones Price: \$275\***

**Week 1, June 3-7:** Roblox Create (AM) and Snap It Together (PM)

**Week 2, June 10-14:** STEM Activities (AM) and Browse & Build (PM)

**Week 3, June 17-21:** Minecraft Create (AM) and STEM Activities (PM)

**Week 4, June 24-28:** Game Builders' Club (AM) and Hack Attack! (PM)

**Week 5, July 15-19:** Beginning JavaScript (AM) and Roblox Create (PM)

**Week 6, July 22-26:** Code Drones (AM) and Minecraft Create (PM)

**Week 7, July 29-August 2:** App Builders' Club (AM) and RoboPRO (PM)



**Use <https://www.codeninjas.com/camps/mo-ofallon/> to enroll now.**

### Camp Sessions Descriptions

**App Builders' Club** (July 29-August 2 AM)

Use the MIT App Inventor framework to build apps! Spend one morning brainstorming potential app ideas. Then over the next few days, build and complete these ideas.

**Beginning JavaScript** (July 15-19 AM)

Learn the basics of JavaScript in one week. Have fun playing games and learning to code.

**Browse & Build** (June 10-14 PM)

Learn the details of creating a website and how to build games that can be made entirely in code without the assistance of a game-building engine.

**Code Drones** (July 22-26 AM)

Program and fly your own drone! **\*And Ninjas take home the drone at the end of the week!**

**Game Builders' Club** (June 24-28 AM)

Build your very own video game from the ground up using your own artwork (or ours) combined with the coding skills that you learn at camp.

**Hack Attack!** (June 24-28 PM)

A competitive camp with broken games and their code with the goal of fixing these games in as few lines of added (or removed) code as possible to make the games winnable. Learn the logic of play-testing and bug-fixing.

**Minecraft Create** (June 17-21 AM, July 22-26 PM)

Ninjas build their own customizations into Minecraft. Zombies, Purple trees, and flying pigs... oh my! (Requires a Minecraft account.)

**Roblox Create** (June 3-7 AM, July 15-19 PM)

Power your imagination by learning the basics of Roblox or continuing with more advanced game concepts! (Requires a Roblox Classic Tier account.)

**RoboPRO** (July 29-August 2 PM)

A series of activities based on the Ninja Toolbox! Original projects for students to build and learn more about robotics. Beginner and Advanced levels will be offered.

**Snap It Together** (June 3-7 PM)

A series of activities utilizing the Arduino and snap circuits to create fun projects!

**STEM Activities** (June 10-14 AM, June 17-21 PM)

Sharpen your mind and have fun at the same time with engaging STEM games and activities.