



# Ignite Your STEM Ambitions

with **RITS** Summer Camp!

**July 20th - 24th, 2026**

*VCU's College of Engineering*

## + **What is RITS?**

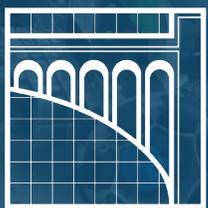
The **Richmond Institute of Technology and Science (RITS)** is a Richmond-based STEM education organization dedicated to introducing middle and high school students to engineering, artificial intelligence, and emerging technologies. In partnership with the **VCU College of Engineering** and local community partners, RITS creates hands-on learning experiences that connect students to real tools, real problems, and real pathways in STEM.

## + **Why Parents Choose RITS**

- **Real AI, Not Just Theory**  
Students work with the same concepts and tools used in the industry today.
- **Project-Based Learning**  
Every student builds toward a final project they can explain and present.
- **Beginner-Friendly, Not Basic**  
No prior experience required — students are supported while still being challenged.
- **University Environment**  
Hosted on a real engineering campus, exposing students to college-level spaces and thinking.
- **Guided by Experts**  
Instruction led by experienced educators and PhD lecturers passionate about STEM education. models. Learn how to turn concepts into tangible products.

## + **Register Now!**

Scan the QR code to register online



# RITS

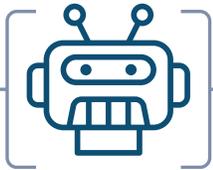
Richmond Institute of  
Technology and Science

# Your Child's Introduction to AI

This one-week, full-day program introduces students ages 13+ to artificial intelligence through hands-on labs, collaborative challenges, and real-world applications. Students explore how AI is used across multiple industries, learning both how it works and why it matters.

The week culminates in a final project presentation, where students demonstrate what they've built and learned.

## What We Teach



### Computer Vision

Students explore how machines interpret visual information, learning concepts such as object recognition, image classification, and pose estimation. Applications include robotics, automation, and smart systems.



### Biomedical & Sports Science

Students examine how AI intersects with human movement and health, including pose estimation in athletics, robotic exoskeletons, and the role of AI in rehabilitation and performance analysis.



### Comp Sci & 'Vibe Coding'

Students learn the basics of computer science and how AI can help generate or refine code using precise instructions, enabling them to build programs and understand how modern software development is evolving.

## + Details

- Monday, July 20th – Friday, July 24th
- 9AM – 5PM
- VCU College of Engineering
- Ages 13+ (rising 8th grade and older)
- Tuition: **\$495\*** (lunch and snacks included daily)

## + Ready to Register?

**Scan the QR code on the opposite side of this flyer.** Space is limited to ensure a high-quality experience for every student!

Upon registration, families will receive a confirmation email with payment details, followed by a calendar invite with additional camp information.

**QUESTIONS?** Contact us at [team@ritsva.com](mailto:team@ritsva.com).