

## ABOUT US

The Youth Technology program offers a competitive and intensive training curriculum for students grades 7 to 12 from the greater Washington, DC metropolitan area (Maryland, Virginia and Washington, DC). It helps to establish a solid foundation for their collegiate and professional careers. Selected students receive several months of introductory to advanced computer technology training. Our students compete in the Regional and the National High School Computer Competitions (HSCC) annually.

Please visit <http://dchsc.org> and click the registration link at the bottom of the “home” page. We have 2 dates for open house (question & answer sessions.) You will select one date while registering.



## DC Chapter

**Technology Training opportunities for youth in The District, Maryland and Virginia.**

## LOCATION

**701 7th Street, NW  
Washington, DC 20001**

←————→  
**Lou Shack**, Program Director  
301-379-2014  
**Perry Carter**, DC Chapter President  
703-627-8257

**The Opening Ceremony  
for the 2017 Season is  
Saturday,  
January 28, 2017**



## YOUTH TECHNOLOGY PROGRAMS

- **High School Computer Competition**
  - **Game Development**
  - **Video Production**
  - **Mobile Apps**
  - **Coding**



*Helping Our Youth  
through the Power of Technology*

## MISSION

The Youth Technology program strives to help increase youth interest in information technology. Our goals are teach our youth to embrace and excel in technology and to compete in computer competitions.

## GAME DEVELOPMENT

Video games are extremely popular amongst today's youth. Learning video game programming is great preparation for a lucrative career, working either for a large company or becoming an independent game designer.

Students will:

- Learn how to program in a variety of languages for gaming.

- Create video games.

- Prepare digital graphics, animations, sound, video, and images for editing.

- Write and debug computer code to develop games for multiple platforms.



“The whole purpose of education is to turn mirrors into windows.”

Sydney J. Harris

## CODING

Students will learn to use web technology programming languages, such as the Microsoft .NET, JAVA or PHP, and develop solutions to realistic business and industry problems.

They will utilize HTML, JavaScript, SQL, relational database and a variety of other internet and computer-related technology.

By working with others, they will gain presentation delivery, communication, and teamwork skills.

## VIDEO PRODUCTION

Students learn to:

- Edit broadcast quality television production utilizing linear videotape and digital non-linear editing systems to include AVID and ADOBE Premier editing systems.

- Write and edit original material collected from numerous outside sources.

- Shoot video footage or assist with video shoots.

- Record sound and create and/or maintain an audio library of sound effects.

- Maintain all video and audio equipment.

