

Youth VR Game Development Summer Pilot

Summer Family Creative Learning in Maryland Libraries 2016

What is VR Game Development?

Virtual Reality is a computer-generated 3D experience. VR is used for everything from flight simulators for pilots to enhancing what's viewed in nano-microscopes. It's also being used to create new kinds of video games. Maryland Public Libraries believe that all youth should have the opportunity to experience, use, and create with new forms of technology. We believe that these experiences and classes will help them internalize the fact that they can directly shape the future.



The Model

We will begin our foray into the world of virtual reality development by holding a series of pilot projects at libraries in the Prince George's County Memorial Library System in the Spring of 2016. The first programs, called "roadshows" will serve as an introduction to the technology for the Prince George's County community. The programs will be open to all members of the public. In the summer, this roadshow will be replaced with Family VR Camps – half day programs for youth 10+ and a supportive adult. At the camps the families will learn how to design virtual reality games with the Unity game engine, OSVR software, and OSVR Hack Dev Kit headsets. Finally, we'll conclude the summer with a Game Jam where youth will spend the day designing their own games in friendly competition!

Term and Locations

This project will take place:

Sun Jun 12 1:00pm – 4:00pm VR Roadshow Greenbelt Library, 11 Crescent Rd, Greenbelt, MD 20770

Sun Jun 19 1:00pm – 4:00pm VR Roadshow South Bowie Branch Library, 15301 Hall Rd, Bowie, MD 20721

Sun Jun 26 1:00pm – 4:30pm VR Roadshow Hyattsville Branch Library, 6530 Adelphi Rd, Hyattsville, MD 20782

Sun Jul 10 12:15pm – 4:30pm VR Camp Greenbelt Library, 11 Crescent Rd, Greenbelt MD 20770

Wed Jul 13 1:00pm – 5:30pm VR Camp Hyattsville Branch Library, 6530 Adelphi Rd, Hyattsville, MD 20782

Sun Jul 17 12:15pm - 4:30 pm VR Camp South Bowie Branch Library, 15301 Hall Rd, Bowie, MD 20721

Sat Jul 30 10:00am – 6:00pm VR Jam Hyattsville Branch Library, 6530 Adelphi Rd, Hyattsville, MD 20782

Partner Organizations



[Maryland State Department of Education's Division of Library Development and Services \(DLDS\)](#) is the State Library Agency of Maryland. DLDS provides strategic leadership, resources, and programmatic support to Maryland libraries to transform lives. Public libraries in Maryland are dedicated to providing excellent learning opportunities which are free and open to the public.



[FutureMakers](#) is the mobile makerspace for grade and middle school students in greater Baltimore and Washington, D.C. They ignite curiosity and build skills among young makers - hands-on problem solvers who tinker, build and thoughtfully play - using traditional tools and cutting-edge technologies. FutureMakers has served thousands of young makers in libraries across seven Maryland counties.



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The Institute of Museum and Library Services is the primary source of federal support for the nation's 123,000 libraries and 35,000 museums. Our mission is to inspire libraries and museums to advance innovation, lifelong learning, and cultural and civic engagement. Our grant making, policy development, and research help libraries and museums deliver valuable services that make it possible for communities and individuals to thrive.

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