A weekend-long learning event hosted by Young Rewired State (YRS), Museum of the Moving Image and Mozilla Hive NYC

JUNE 29–30, 2013,
10:00 A.M.–7:00 P.M.

Museum of the Moving Image
36-01 35 Avenue, Astoria, NY 11106

Young Rewired State NYC will bring 50 New York City-based teens and tweens together with programmers, creatives, developers and other mentors for a design challenge to solve real-world problems for the City of New York. Youth will build working digital products and prototypes featuring at least one dataset available through New York City’s NYC Open Data initiative.

The project will introduce youth with an interest in coding, design and civic engagement to professionals in the local creative and technology sectors, helping teens cultivate the computational literacy skills necessary for college and career readiness.
BACKGROUND
Founded in the U.K. in 2009 with just 50 participants, Young Rewired State now reaches over 800 young people every year, with an additional 1.5 million engaging online, giving those who have taught themselves to code the opportunity to work with like-minded peers to create digital products and prototypes using open data. In the coming year, YRS is poised to expand to six international locations, with New York City being the first host of “Young Rewired State Everywhere.”

HOW YOU CAN BE INVOLVED
The professional community who act as mentors is a huge part of the success of Young Rewired State. Mentors are programmers, designers and educators who volunteer their time to help youth through the ideation and prototyping process.

The role of the mentor includes:
• attending the entirety of both days of the event and a pre-planning event with other mentors
• providing expertise in programming, design, presentation skills, agile development, ideation, robotics, open data, open government data, graphics and more
• assessing youth skills and encouraging collaboration—some youth may have taught themselves coding skills, so will be looking to mentors to help them level up
• reviewing data sets in advance, and coming with a few seed ideas should some teams find themselves in need of a spark
• assisting the YRS, Museum, and Hive teams in the room

For those interested in participating prior to the design challenge, the YRSNYC team is also seeking individuals willing to assist with mining/narrowing the focus of the data and developing strategies for working with youth who have a range of coding skills.

DATA SETS
• NYC Open Government Data Hub

(Sample sets to focus on may include: Wi-Fi hotspots, 311 service requests, map of parks, MTA data, map of water fountains, filming locations in NYC, hurricane evacuation zones from last year, school attendance and enrollment stats, sidewalk cafes, public recycling bins, green market locations, map of NYC landmarks.)

• Additional hub for data:
http://alpha.data.gov/

• Green/environment data sets:

WHAT TO BRING
• Laptop
• Hardware you might want to use (e.g. Arduino, Raspberry Pi, etc.)
• A motivated mindset and the desire to encourage the young people in their projects

Visit http://bit.ly/YRSNYC to sign up #YRSNYC to join the conversation on Twitter
YRS NYC Mentor Group on Facebook
https://www.facebook.com/groups/563644120336842/?fref=ts