



**CREATING SOLUTIONS FOR
REAL PEOPLE THROUGH
CIVIC DATA**

PRESENTED BY



Civic Hacking is about collaborating with others to create, build and invent to address challenges relevant to our neighborhoods, our cities, our states and country. It's about making Big Data relevant to the lives of everyday people. The following persona and scenario provide an example of how to design a challenge that does just that.

It starts with defining a problem, understanding the needs and challenges of an individual or community. It's about taking some time to contemplate the concerns of citizens and then looking for the kinds of data that can help. .

We have found in running numerous Civic Hacking events that designing for real people and real problems can assist Civic Hackers in building solutions that resonate. It focuses the team on human needs.

The data and technology that can help address that need comes next. Civic Hackers have the skills and web literacy necessary to find the right data. The real task is for them to use their technical and design chops to then wrangle it into a form that everyday people – *the non-digerati* – find useful, usable and desirable

So, go forth and solve a problem people care about. We hope these materials help.



PERSONAL PROFILE

Median Household Income: \$76,500

Middle income with 2 children

I have no idea how to help my daughter prepare for life after high school. We never went to college, but my wife and I really want her to. Her grades are good but I'm not sure we could ever afford it. I've heard about some of these online schools, but I'm not sure if you can trust the education you get from them and you could end up in piles of debt. She could also just start working here in town. That's a possibility, but I'm not sure that's the best thing for her future.

“Her counselors are telling her there are ways to find money, but I don't even know where to start”



The switch to life after high school is so important. It's a big deal. You make choices that could effect your entire life. I want to make sure I help her make the right decisions. I'm not sure how to get the right kind of help. We don't have a whole lot of money but we want to do the best we can for our kids.

“This transition is so important. I want to make sure I do the right thing. I want her to have the kinds of opportunities we never had.”



There are many resources available locally and nationally for education and training options after high school. It's a critical time in one's life and navigating the choices can be difficult. Take a moment to learn about some of the challenges Mr. Moreno faces in exploring options with his daughter. Think about how you could tailor a solution that turns the vast amount of data available into a useful tool. .

NEEDS & CHALLENGES

PUBLIC STATE UNIVERSITIES

It is hard to know what schools are good. You hear from your friends who have kids older than yours but you don't always know what kind of education they will get there.

Hard to Find/Don't Know Which are Good

PRIVATE COLLEGES

I found this small private college I really wanted my daughter to go to but think it's probably too expensive. Then a friend said some private schools give good scholarships.

Cost / Lack of Information

GOVERNMENT PROGRAMS

I know the government can help with financial aid for college, but I'm not sure if we qualify. We're not at the poverty level.

Meeting qualifications for aid.

WORK / INTERNSHIPS

I remember when I left high school you could be an apprentice and learn a trade like carpentry. Is there anything like that today?

Finding work, apprenticeship and internship opportunities

TRAINING PROGRAMS

My cousin is a health technician in a hospital. She started in a community college training program and now she has a good job.

Professional and vocational training options.



MR. MORENO

NATIONAL DAY of CIVIC HACKING PUBLIC DATA SOURCES

There are many publicly available data sources that contain information relevant to Mr. Moreno and the aspirations that she has for his daughter. Finding relevant information is the challenge. With some savvy searching and clever coding find open data resources that be turned into a valuable resource for Mr. Moreno. Many of these options have Open APIs for data access and discovery.

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This Week in IPEDS May 9, 2013
There are two items this week:
1. NCES Announces New Program Director for IPEDS
2. Reminder: OMB Comment Period Closes May 13, 2013

ANNOUNCEMENTS & ALERTS
April 8, 2013 - Proposed Changes for the 2014-15 and 2015-16 Data Collections Open for Comment
Clearance for the 2014-15 and 2015-16 data collections is being requested now to provide institutions with advance notice of changes.
March 1, 2013 - IPEDS Training Announcement Upcoming Workshop Opportunities
The Association for Institutional Research (AIR) announces

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