

ED JONES

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A national expert in the future of high school, Ed leads the statewide initiative [Hackable High Schools](#).

As an apprentice engineer, Ed redesigned the (then) world's most complex software/electronics system. In the time since, he's spent fifteen years focusing on the transformation of high school.

A veteran of over 20 edcamps, Ed's heard what leading teachers want most as they look to bring high school into 2020 and beyond.

He's also invested thousands of hours into national policy conversations.

To all of this, he brings unusual hands-on learning experience of the kind many teens wish were more a part of their regular high school learning. He's also lived, worked, and studied in rural Appalachia, Hispanic Los Angeles, gritty Pittsburgh, exurban Chicago, and the NYC end of the Jersey shore.

LRNG/Columbus

Ed this year works to build up the Columbus efforts for LRNG. The XP's, playlists, and open badges developed will connect teens to area professionals, businesses, employers, and CBO's. [About LRNG](#)

- The LRNG Columbus [teen landing page](#)
- [Ed's XP's and playlists](#) on LRNG



Hackable High Schools

A statewide experiment in student-driven learning, HHS uses Ohio's Credit Flex law to grow open curricula for teens in the 830 high schools across the state.

Hacking High School: Making School Work for All Teens.

This concise book is available in beta [here](#).

**HACKING
HIGH
SCHOOL**

MAKING SCHOOL WORK
FOR EVERY TEEN

E. Clayton Jones

Draft
9/8/15



Some Edu Events - Ed Jones

"Educational Entrepreneurship: Why It Matters, What Risks It Poses, and How to Make the Most of It" AEI 14 Nov. 2005

"Educational Entrepreneurship: Realities, Challenges, Possibilities AEI, 5 Sept 2006

"Fixing Failing Schools - Is the NCLB Toolkit Working?" AEI / Fordham 30 Nov. 2006

Beyond the Basics: Why Reading, Math, and Science Aren't Sufficient for a 21st Century Education
Fordham (Hotel Washington), 12 Dec. 2006

The Supply Side of School Reform and the Future of Educational Entrepreneurship" AEI, 25 Oct 2007

Educational Innovation and Philadelphia's School of the Future
AEI, 28 May, 2009

Digital Learning: The Future of Learning?
KnowledgeWorks & Fordham, 17 May 2012

Ohio Student Mobility Project: Cleveland Conversation
Fordham (WVIZ), 6 Feb 2013

Always Reformed, Always Reforming: School reform in Ohio and the Reaction of District Leaders to It Fordham OH, 17 May, 2013

Ohio's Annual Statewide Conference: Continued Progress & Sustainability Columbus Conv. Center, 28-29 Oct. 2013

City of Learning Launch Event - with Mozilla Open Badges
MacArthur Fndn, Sprout Fund, the Badge Alliance, 10 June 2014

Andy Smarick - The Urban School System of the Future
Fordham (Athletic Club of Columbus), 16 Sept 2014

Design Thinking (for Education) UnConference
The Ellis School, 18 Oct 2014

ESA's—The Next Generation of School Choice w Matthew Ladner
Fordham (Athletic Club of Columbus), 28 Jan 2015

Startup Weekend Education - Pittsburgh
Techstars (Environmental Charter School), 20-22 Feb 2015

Equality of Educational Opportunity Today:
Coleman Rept 50th Hoover Inst. Jan 21 2016

Education for Upward Mobility - Columbus Athletic Club 15 Mar 2016

Active Learning and Design Thinking Summit
Ellis Innovation Institute, 13-14 July 2015

ReMake Learning Days - Pittsburgh May 2016, 2017

XQ: The Super School bus-Pittsburgh, PA May, 2017



EdCamps

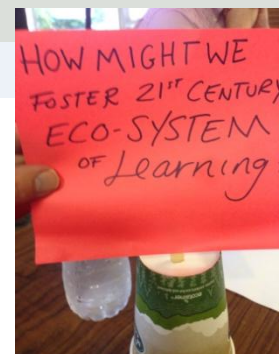
Without the voice of teachers, we can accomplish but little.

At EdCamp, everyday teachers speak to the challenges they face in the classroom and beyond. The unconference format frees them to choose topics as small groups, and speak up freely as individuals.

Since 2013, I've joined more than twenty Edcamps, in Pittsburgh, Cleveland, Columbus, and beyond.

Some of the most exciting topics?

- What old-skool video game could your classroom be?
- Genius Hour
- What if we did away with grading?
- 99 Theses
- Personalized Learning (In a Whole Class Setting)
- MakerSpaces
- Virtual Reality w Aurasma
- How Do I Reach My Hard-To-Reach Students?



Publications

Our Theory of Change

[A New Lens for Learning: What if We Tried Trusting People?](#) (*Pioneering*—Education Reimagined)

[Disrupting School at the Juncture of Teen Choice](#) (*My Student Voices*)

[LRNG Comes to Ohio](#) A perfect storm for building a new *coherent value network* for teens.

[A SpaceX Moment for High School](#)

[Unbundling Coursework and the Transformation of High School](#) How can teens more regularly "level up" their formal learning? (*EdWeek*, guest blogger for Rick Hess).

[People Obsess about Things](#) Joe Posnanski wrote movingly about his daughter's obsession over the musical Hamilton. One job of education is to help people manage their obsessions.

[Trapped in the High School OS Kernel](#) Why does high school resist transformation? What's the key?

[It's About Tribes](#) Above all, high school students want to belong

[Needed: A 1984 Moment](#)

Implementation

[Custom Learning Contracts](#) *The Synapse*

[Example Custom Learning Contract](#) To go above 5,000 or so Ohio teens participating in credit flexibility, there must be far more sharing and validating of template plans.

[Pillars of a Hacked High School Experience](#) 8 checks to see if a playlist should earn teens high school credit

[An Experiment in Open Sourced \(& Micro-credentialed\) Curriculum](#) How can the original principles of open source guide development of better curricula?

[Sustainable Funding for Edu Innovation](#) How can we bring more funding to education in general?

[Designing New Learning Pathways for Adult Readiness](#)

Equity

[First. Let's Kill All the English Majors](#) Does English Language Arts discriminate against black boys?

[We Can Double Teen Learning](#) (*EdWeek*, *Rick Hess Straight Up*). Need we settle for stagnant or 10% growth?

[Black Teens Can Code, Too. Why They Should Might Surprise You](#) For all the coder meetups I attended, barely one in sixty of the participants were Black. One in sixty. In a town of one in three.

[To Transform Appalachian Teen's Learning: 12 Specific Changes We Can Start Today](#) J.D. Vance left Appalachia years ago. I've been here, with some powerful lenses to observe.

[Innovating via Pop-Up Classrooms](#) What If Students Could Create their Own Pop-Up Classroom?

[Redesigning Civics Education](#) *EducationNext*

Formative Experiences

[People I Have Worked With, or For](#) I didn't plan this, but... If you're redesigning high school for 16 million teens, it helps to have a broader perspective than the average guy.

[Of Daemons, Facts, and Understanding Part I - Designing A Rick Hess "Mini-Me"](#) No,

we're not trying to program teens; we're looking to better understand them. What can machines like IBM's Watson tell us about teen learning?

Larger Literacies

Ask a Bigger Question. (Edison Did) Is your "redesign school" effort run by a group of de Martinville's?

Good Try, Ohio. Now, Go Forward Anyway—Credit by Credit in Getting Smart. Nov. 2011.

A Day in High School, 2015

When the Language of Privilege is "Git-R-Done" *The Education Gadfly Weekly*

Education

B.S. Physics, Carnegie-Mellon University.

Interned with The Robotics Institute. Managed university course evaluation system

University of Illinois MBA Program

Proposed artificial intelligence and object-oriented techniques for systems engineering management.

Created ontologies in Carnegie Representation Language / KnowledgeCraft.

White paper: *Representing Knowledge for Systems Engineering - Case Study: Fighter Development.*

U. California at Los Angeles

Courses in digital communications, processor technology, artificial intelligence, law.

Service

More work on local economic development in an Appalachian area which hit 17% unemployment.

Carroll County Park District District – Commissioner. Architect, Great Trail Heritage Corridor.

Bootstrapping a new District and a new heritage corridor (to extend the Ohio&Erie Natl. Trail).

In a County with annual revenues of \$2 million, volunteers build anything beyond the basics.

In 2010 we opened the BlueBird Farm Restaurant and Gift Shop, adding new jobs to the area. A winery and outdoor performance and event series opened in 2011. Ed was the primary community relations person for these and other District initiatives.

Ed conceived and organized the Great Trail Corridor (greattrailcorridor.com). His analysis of our natural resources and the historic route for settling the Northwest Territory led to this economic development initiative. The National Park Service reviewed this as a NPS project.



Carroll County Arts Center

Hands-on bootstrapping of a first arts center, a 'stone-soup' conversion of a frame feed storehouse.

Community-Building

Helped build the local high school stadium press-box, the community swimming pool, structures for the historic mill complex, volleyball court, walking trails, fairgrounds stands, church outbuilding.

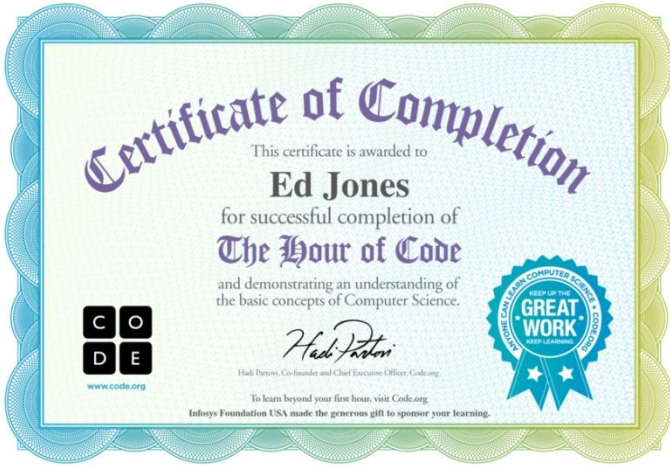
Edwin C Jones Consulting

Customers in this Appalachian area include 12 government agencies, an insurance company, families, small business. Substantial work with the Juvenile Court, county Health Department, Families & Children First (multi-agency coordinating board), and the county tourism brochure & website.

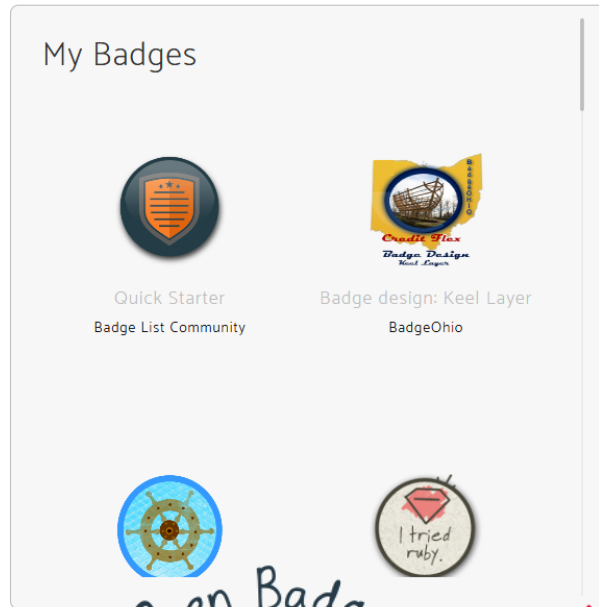
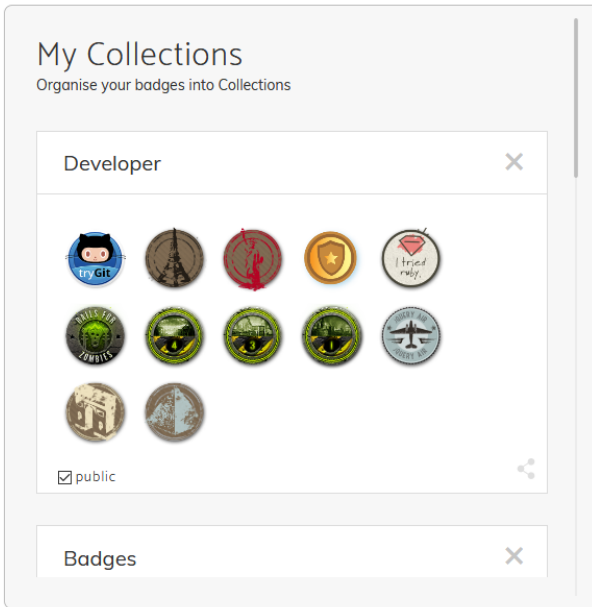
U.S. Army Aviation Systems Command

Through the Joint Integrated Avionics Working Group, worked with representatives from nine major systems integration teams; Army, Navy, and Air Force acquisition officers; DoD OSD; several third party labs invested in the process, NASA, the European Space Agency, and the Ballistic Missile Defense Initiative. Served as software engineering requirements lead for the RAH-66 Comanche helicopter.

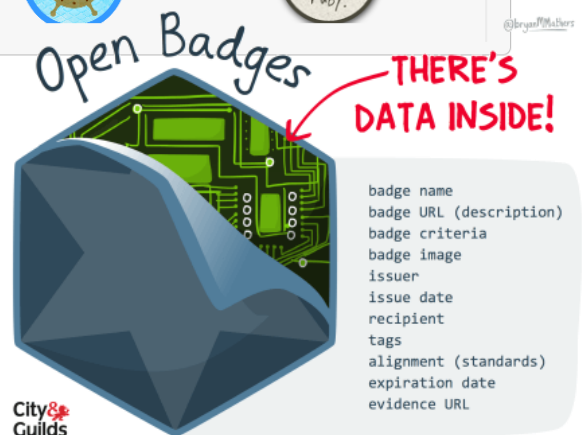




<https://backpack.openbadges.org/share/e2bc91062c0e93cda3ab0ba6cdea815b/>



[Ed's @openBadges developer badges](#)



Open Badges (P.S. there's data inside...) by @bryanMMathers is licenced under [CC-BY-ND](#)