

Hacking the collaborative Computer Lab

Further Adventures in Computer Science Instructional
Labs

Hacking the collaborative computer lab

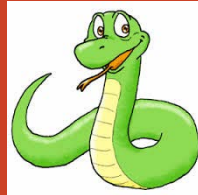
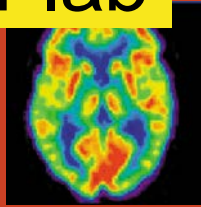
The cave

hacks

TakeAways

Hacking the collaborative computer lab

VVTC



Puzzling Out the Differences
Gender Contrasts in Online Video Gaming
Let's Screenem

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Executive Summary	Abstract	Keywords
<p>Abstract: This study examines the differences in online video gaming behavior between males and females. The research focuses on the impact of gender on gaming preferences, play styles, and social interactions within virtual environments. Data was collected from a large sample of gamers, and the results indicate significant differences in the types of games played and the time spent gaming. Males tend to play more action and strategy games, while females prefer social and puzzle games. The study also explores the role of social networks and community support in gaming experiences.</p>	<p>Keywords: Online video gaming, gender differences, play styles, social interactions, virtual environments, gaming preferences, play styles, social interactions, virtual environments, gaming preferences.</p>	<p>Keywords: Online video gaming, gender differences, play styles, social interactions, virtual environments, gaming preferences, play styles, social interactions, virtual environments, gaming preferences.</p>

The cave

Adventures in Computer Science Instructional Labs

Going back in time

2009 - the idea

1984 - the old days

1991 & 1995 - The game changers

2000s - the exodus









200
9



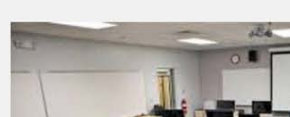
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2000 x 1250 - newburgharmory.org



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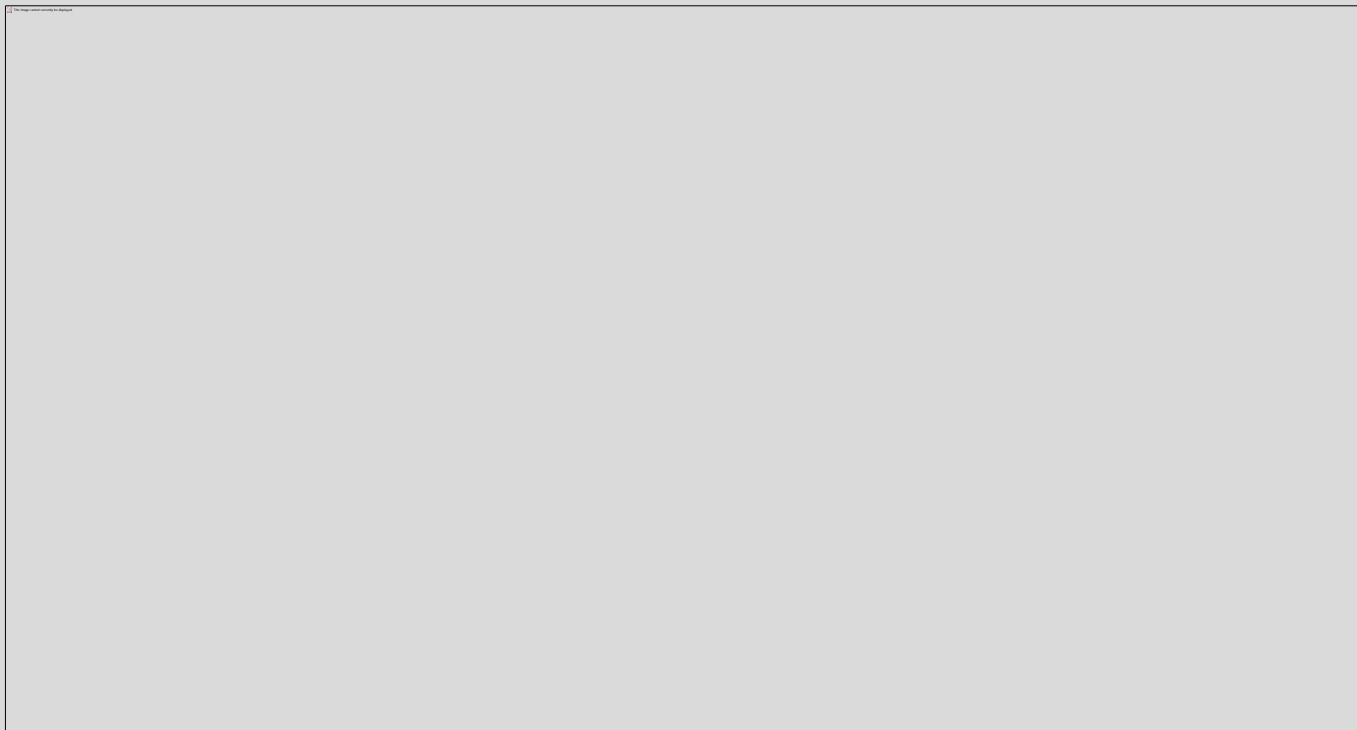
Where are the
people?!?

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9



198

4



198



198
4



199 1



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You save space and still have room for lots of future expandability! And the components in your system will last longer too because ZEOS gives you not just one, but *two cooling fans*. After all, the cooler your system runs, the longer it will last. Now that's uncompromising value. That's ZEOS value.

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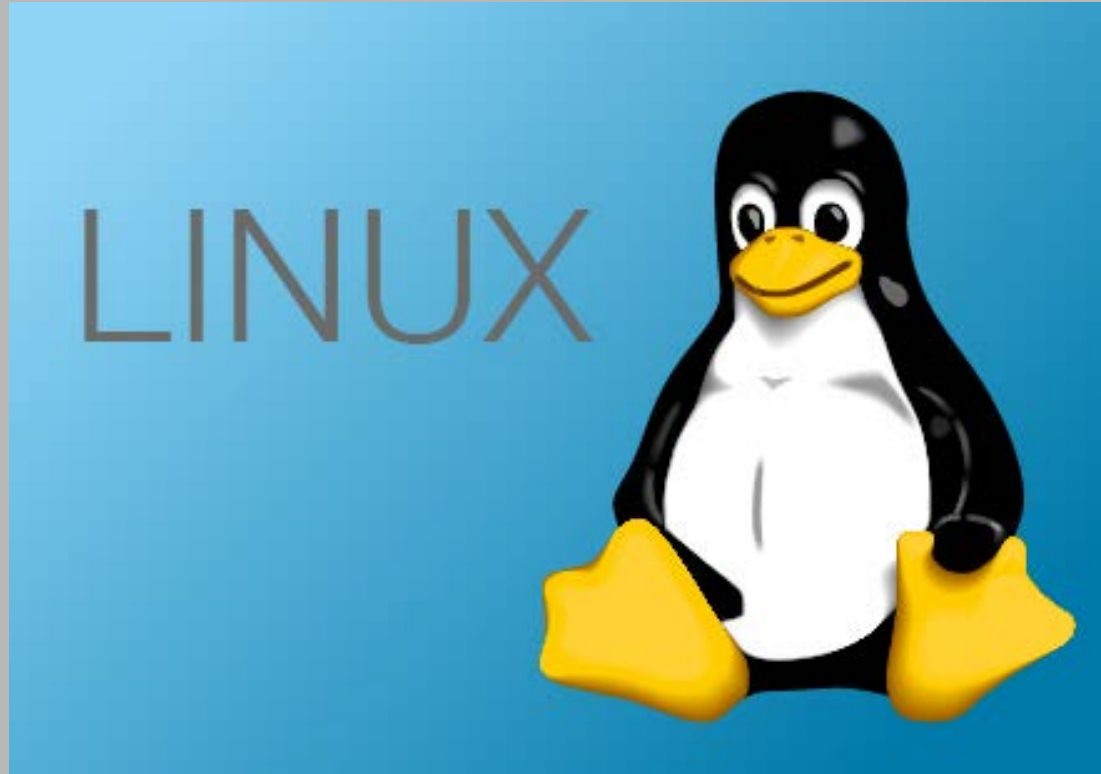
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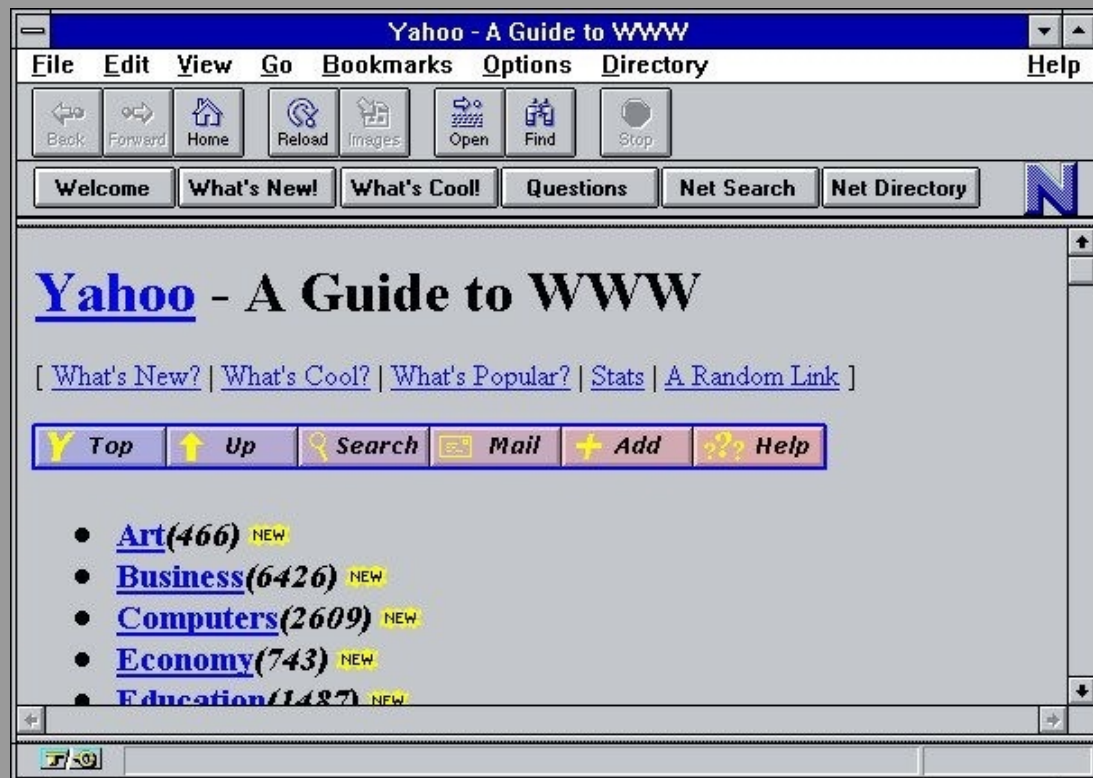
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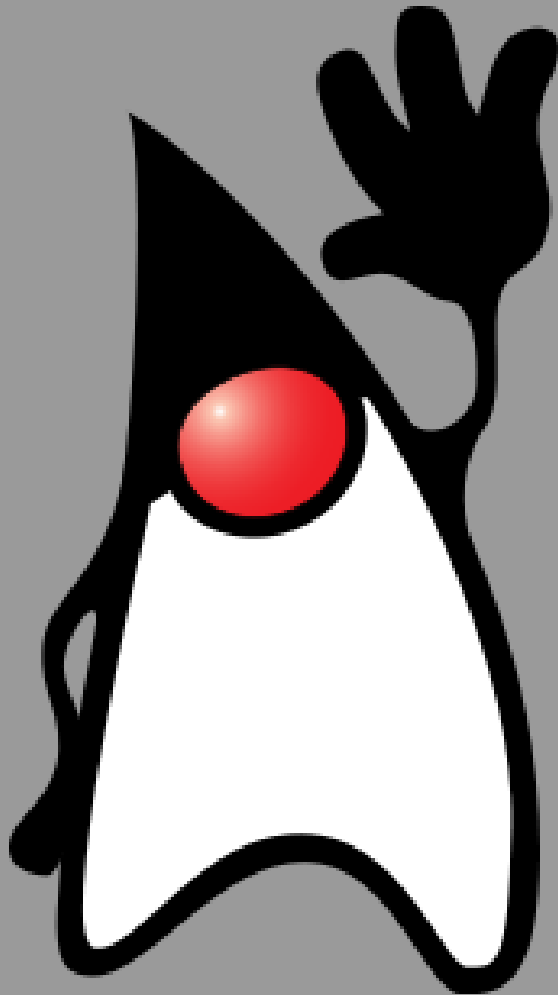
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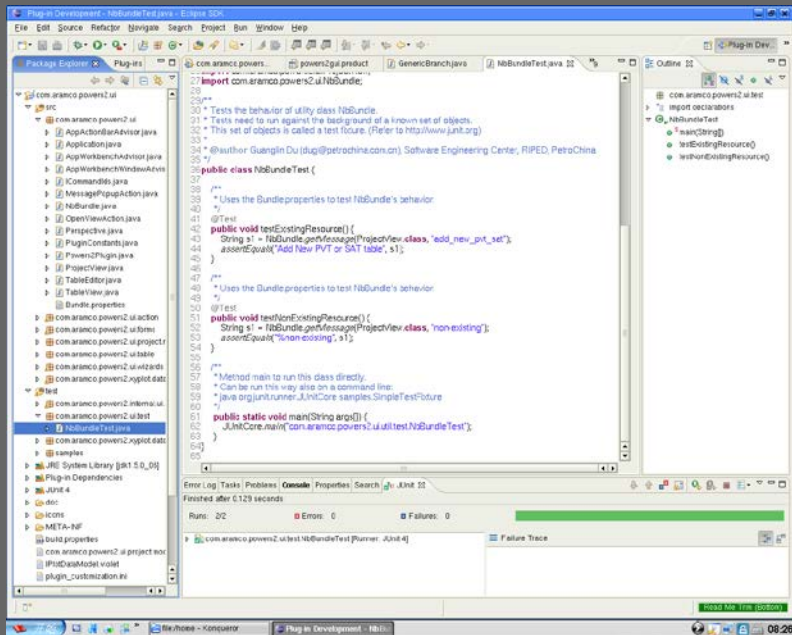
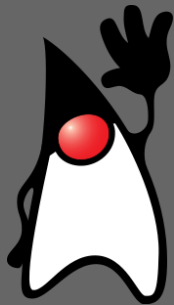




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2000s



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Hacking the collaborative computer lab

Best practices collab
spaces

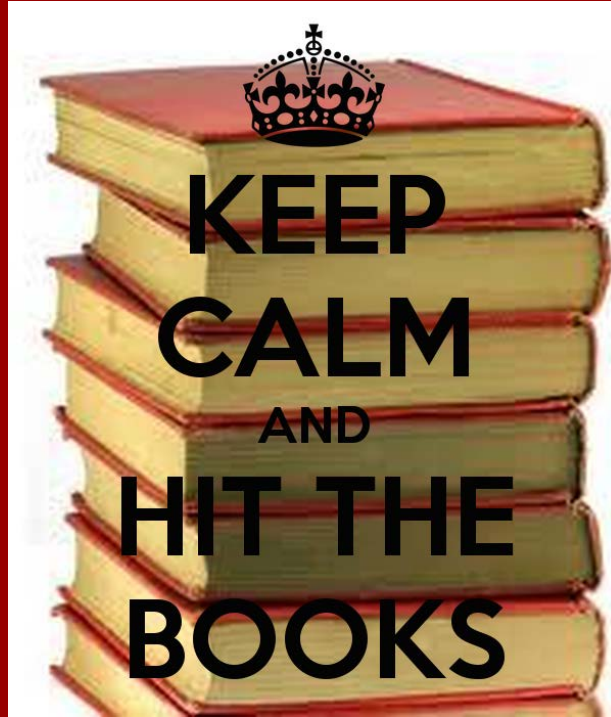
Third places - Oldenburg

Lave & Wenger - Students

The build







Best Practices for Collaborative Labs



Best Practices for Collaborative Labs



Best Practices for Collaborative Labs



Best Practices for Collaborative Labs



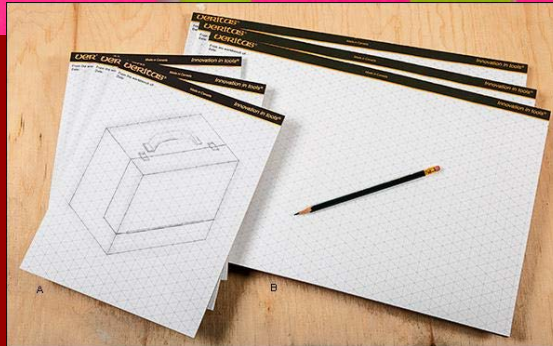
Best Practices for Collaborative Labs



Best Practices for Collaborative Labs



Best Practices for Collaborative Labs



Best Practices for Collaborative Labs

Movable Furniture - No discernable front



Sound management



Targeted lighting



Lots of Power



Robust Wireless



Low Tech - Drawing Supplies



**FREE
BEER!**



tomorrow

© Emagine Floor

Third Places



Third Places



Third Place



Third Places



Third Places



Third Places



Third Places



Third Places

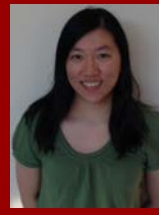
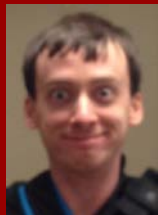
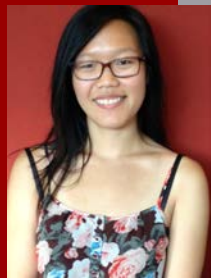
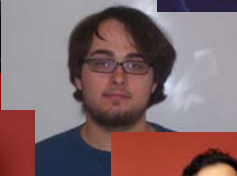


Communities of Practice



Hacking the collaborative computer lab

Communities of Practice





Hacking the collaborative computer lab















Hacking the collaborative computer lab





Door sensors

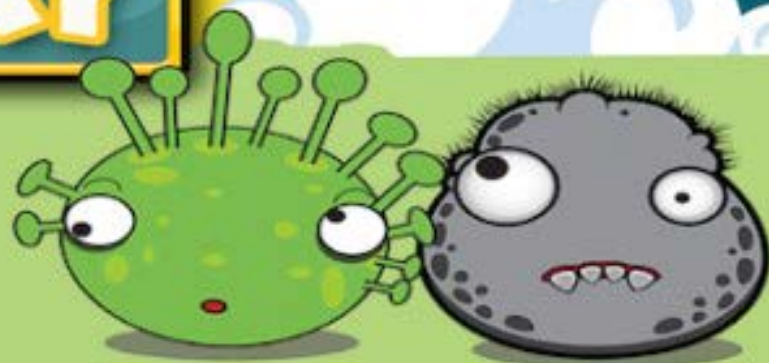
Headcounts

Cameras



ANGRY JANITORS

PLAY





DASHBOARD **TICKETS** CUSTOMERS ADMIN 🔍

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Change search options

Bulk 1-25 of 528 - Page: 1 2 3

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SONY

Instant streaming ready **NETFLIX**

Però per la versione in continuo streaming serve un servizio internet sempre attivo. Per chi non ha un servizio internet sempre attivo, il download di giochi è richiesto. Per saperne di più visitate il sito www.playstation.com.

320 GB/GO

PS3
PlayStation 3

PlayStation Network

Blu-ray Disc

3D









Metrics



Garbage



Food



Games



Fitting In - Living Together



Hacking the collaborative computer lab

So that's it,
right?



Hacks

**Further Adventures in Computer Science Instructional
Labs**

Hacking the collaborative computer lab

What is the meaning of

“

From these definitions, you can get an idea that a *hack* is a procedure or a way of doing something that:

1. Demonstrates cleverness or ingenuity
2. Solves a meaningful problem
3. Is not a common or well-known solution to the problem
4. May not be the most straightforward or appropriate solution.

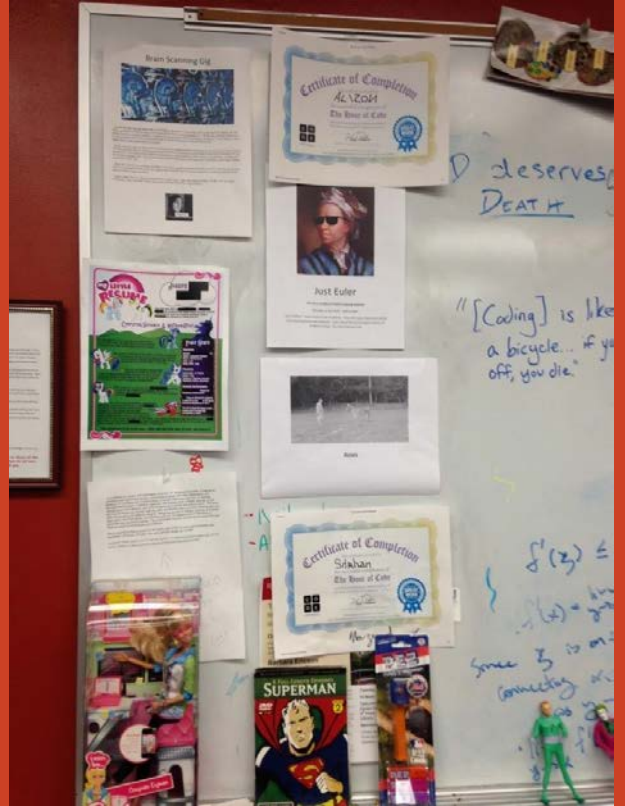
<https://www.quora.com/What-does-the-use-of-hack-in-everyday-non-programming-contexts-mean-Specifically-Im-referring-to-the-use-of-the-word-hack-that-is-common-on-Quora-that-vaguely-approximates-to-the-word-workaround>

Hacking the collaborative computer lab

Hack #1

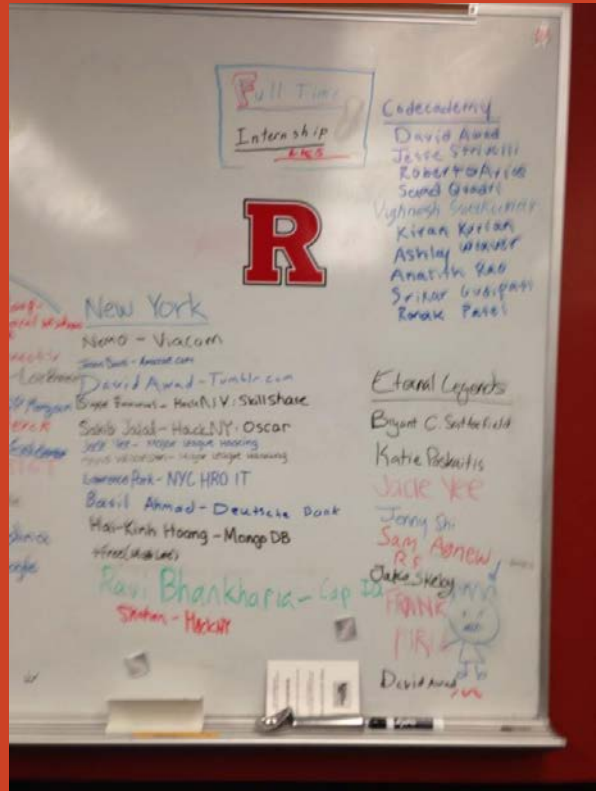
Become the
Informational center Of
your department or
school.





The key here is advertising to faculty and the administration





Hacking the collaborative computer lab

Hack #2

Contests and Annual
events







The idea is to make them think...







Lord of the CAVE



Ludum Dare



Ludum Dare

LUDUM DARE 42 STARTS

DAYS

HOURS

MINUTES

8

2

0

0

5

0

Starts Friday at 6:00 PM EDT *

20

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22

23

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Hack
RU

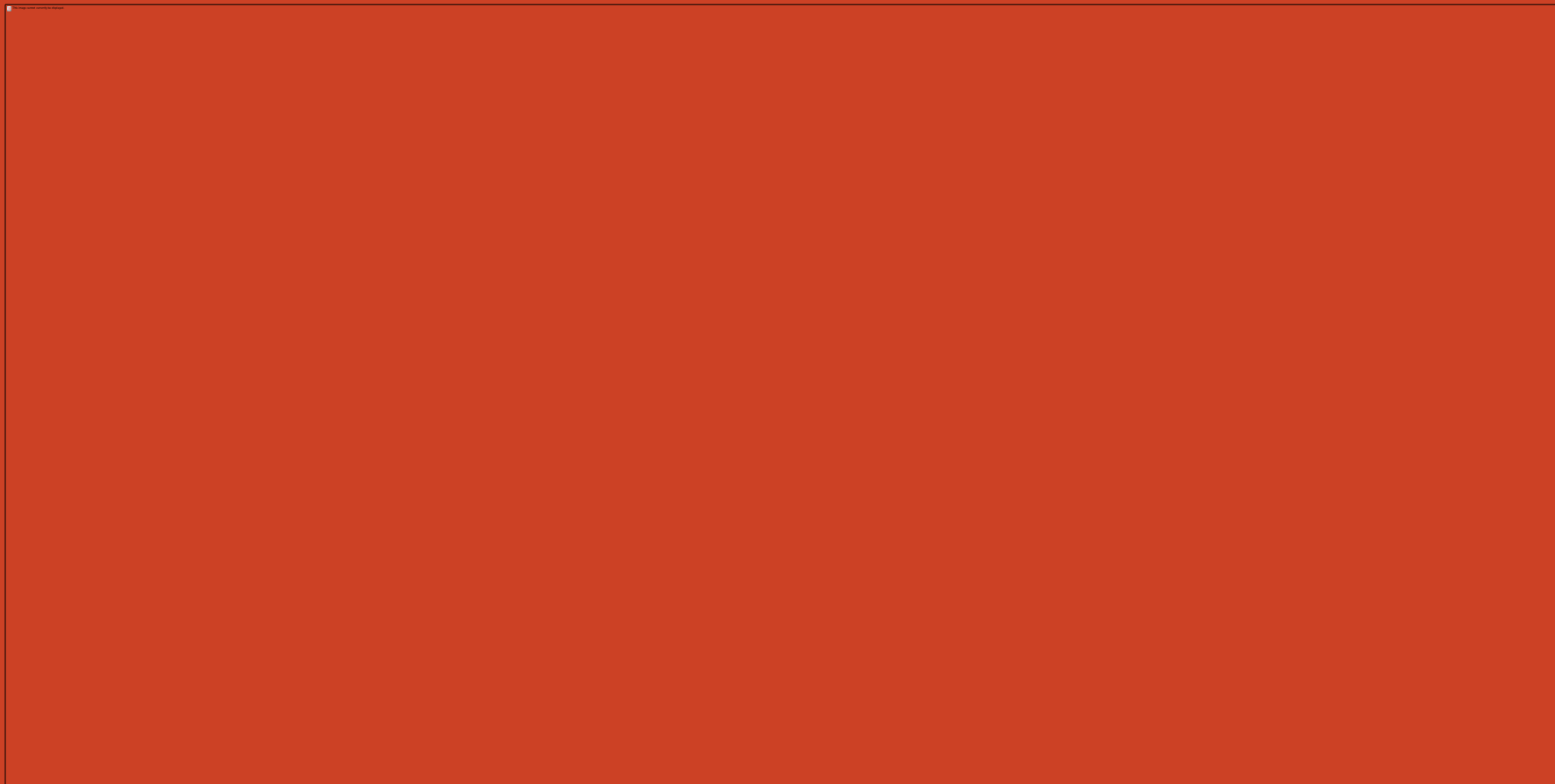


Hack RU

You never know how
big
Things can get.

Be a testing ground





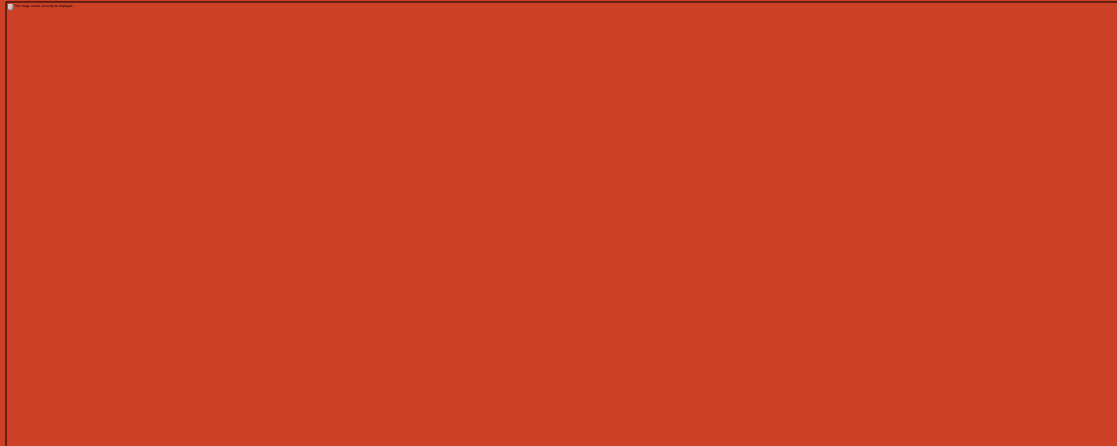
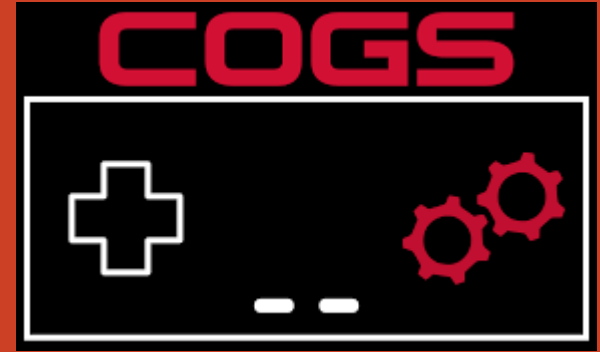
Hacking the collaborative computer lab

Hack #3

Become the
headquarters for your
University clubs



Hacking the collaborative computer lab



Hacking the collaborative computer lab



Be proactive
here





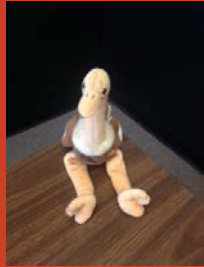
Manage to stay open
AND accommodate
clubs

Hacking the collaborative computer lab

Hack #4

Give the students
something to grab





Hacking the collaborative computer lab

Hack #5

Do the little things
that
Foster community



Create history and tradition



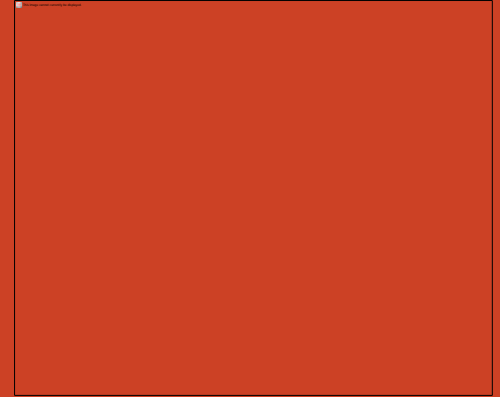
Model good
behavior

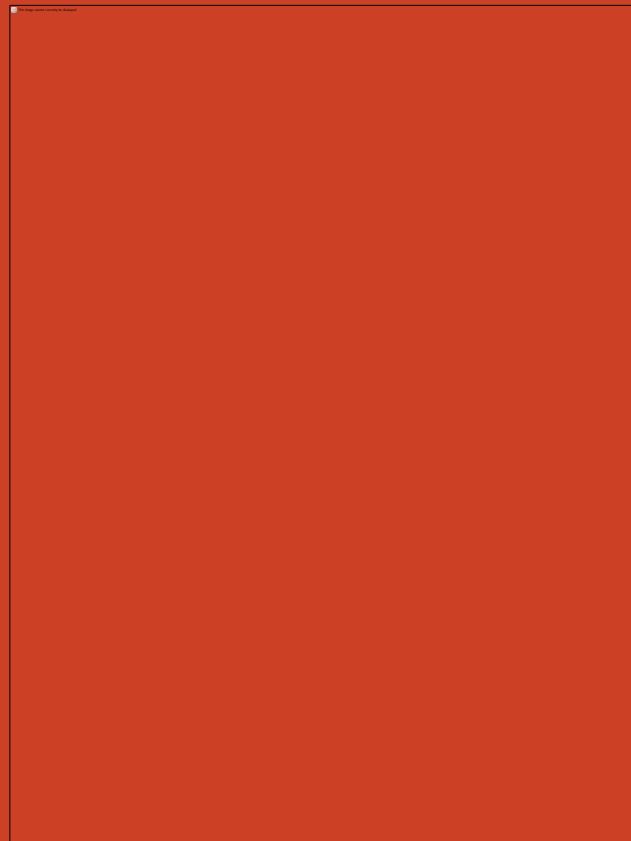


Let the students
choose the posters
and decorations



Have pictures of grads on the walls and on the website







CAVE pigs



CAVE



CAVE

LIVE

breakyourownnews.com

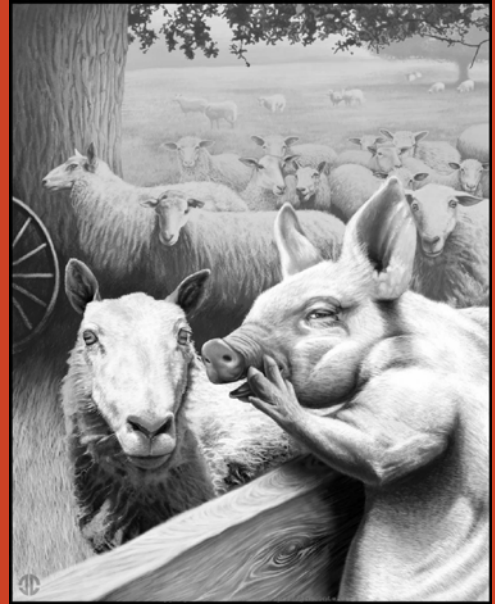
BREAKING NEWS

CAVE PIGS SIGHTED IN LOCAL LAB

23:26

LAB NEEDS CLEANING IN ORDER TO BE READY BY MORNING

CAVE pigs



Hacking the collaborative computer lab

Hack #6

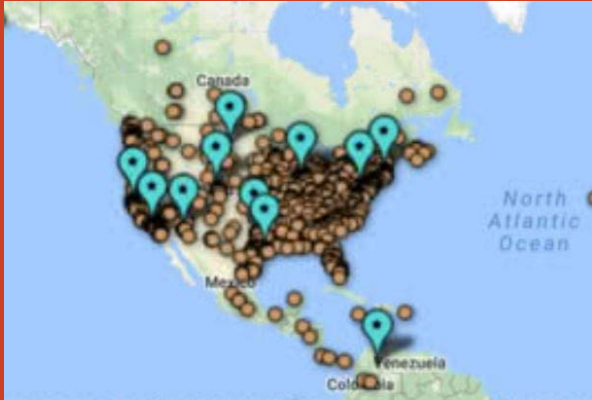
It's OK to fail.
Failure is your
friend. It's how we
learn...





**This is not
a game**





Monday, December 7th, 2015, 10am to 3pm, In the

CAVE

RM 252 in the Hill Center Annex

Come for the Hour of Code. Don't know how to program computers? Want to see what it's all about? Stop by the CAVE and have one of our assistants walk you through a Computer Science and programming demonstration! Fun. Science. No brainer. Come check it out.



When you hit upon a good idea you can then repeat it, just keep trying things...



Do not be discouraged.
Think of it as rapid prototyping...





Sometimes things will
work!!

Hacking the collaborative computer lab

Hack #7

The answer is not
always money...





Students covet access during off hours. Use that to your advantage.





The Power of the CAVE Inspired by 1980s computer labs, a gathering space for computer science students sparks collaboration, camaraderie, and creativity. [Read more.](#)

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Your Source for University News

News



Rutgers Alumna Among Ebola Fighters Named Time Magazine Person of the Year
Ella Watson-Stryker is honored for her work as a member of Doctors without Borders/Médecins Sans Frontières' emergency team in West Africa.

Video: Rutgers United for the Welfare of Animals

[More News](#) >

Events

'2X: Paintings, Pairs, Twins and Diptychs' Exhibition At The Zimmerli Art Museum

Get known with advertising and

press



From left, computer science students Brian Pappas, Jenny Shi, Sangmin Zhu, and Bill Lynch enjoy the collegial environment of the CAVE, or Collaborative Academic Versatile Environment.

Hacking the collaborative computer lab

Julie Duncan <jd790@scarletmail.rutgers.edu> ☆

Re: WCS Plans

To Me <biglars@cs.rutgers.edu> ☆

Thank you so much, Lars! Thank you for expanding the cave; it was a great idea :)

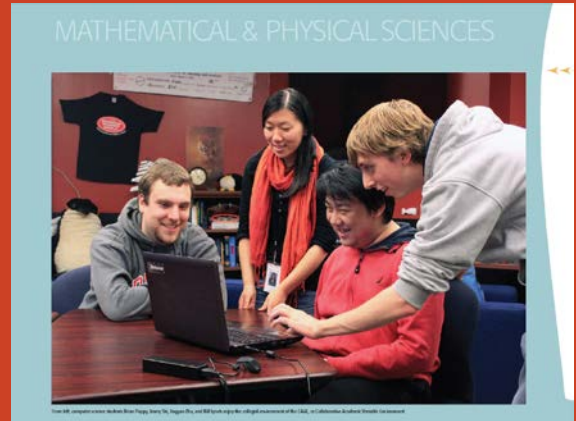
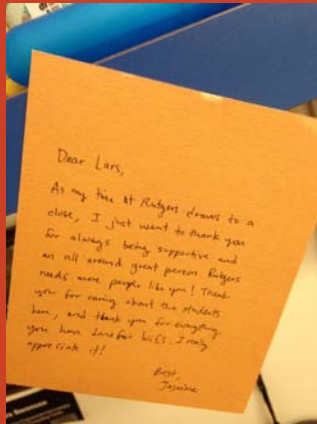
On Thu, Sep 4, 2014 at 6:51 AM, Lars <biglars@cs.rutgers.edu> wrote:

To: Aedan

Sat, May 14, 2:04 PM

Donated some money to the Cave at one of the seniors events. Thanks for creating that space and really helping foster the community. Know that it's definitely helped at least one person find what they're passionate about and a home here at Rutgers.

Sat, May 14, 3:07 PM



Attaboy S

job, I wanted to start this email off by thanking you for building and maintaining the cave. The cave has probably been the best home for me during my time as a computer science student at Rutgers. Not only have I gone there to get work done and collaborate with other students, but I met many great people there with whom I intend to maintain friendships (among others Faiq, Sam, Josh, and Shahan). As I moved further into my education and become more confident in my skills, the cave became a place for me to give back to the newer computer science students. One of my main regrets for my last year as a student at Rutgers was not coming by the cave often enough!

Hacking the collaborative computer lab

Hack #8

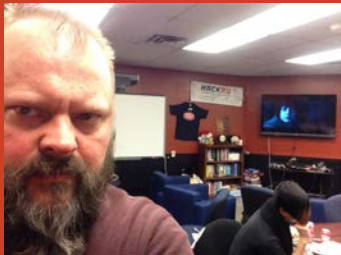
Never forget that
Labs are the
settings for
communities of
practice



Communities of Practice



Ability to observe COP



Listen to the students

Trust the students

Break rules, but do so wisely

You're not building a room, you're tending a community

Hacking the collaborative computer lab



Takeaways

Further Adventures in Computer Science Instructional
Labs

Hacking the collaborative computer lab



Think about next
gen

Hacking the collaborative computer lab



Anything is possible

Watch, listen, learn

The students will tell you what to do if you know how to listen...

Thank You

**Further Adventures in Computer Science Instructional
Labs**

Lars Sorensen
biglars@cs.rutgers.e
du