

Visiting Professor Amy Shuen
Yale BS, Harvard MBA, UC Berkeley PhD

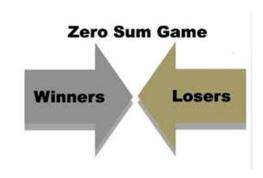
Monetizing Digital Innovation

Innovation Digital Business Models

Who is monetizing?







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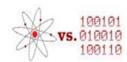


The Web has changed the economics of business and collaboration...

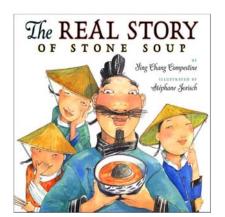


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The Global Digital Stone Soup—where millions of cooks co-create value...

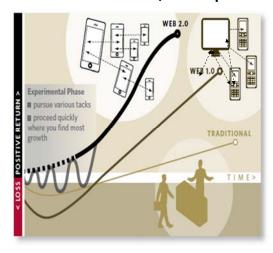


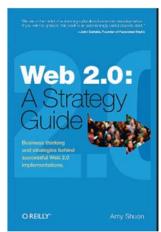
- Atoms to Bits
- Bricks to Clicks
- Physical to Digital
- Combinatorial



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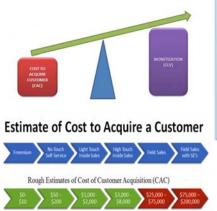
Web 2.0 networks multiply effects: 10x customers, 10x partners, 10x speed...





Secret of Digital Monetization:

Lower CAC and Higher RPU



Silicon Alley Insider Chart of the Day

Revenue Per Unique User For Tech Companies
Globally, Google Generates 6x More Revenue Per User Than Facebook

5200
5150
5100
5189
550
6389
524
510
58
54
54
54
54
54
550
650
6500ree confocore, Bloomberg, IP Morgan estimates Usar 2011)
Note: For pulic companies, Tilor revenue, Amana, elley, Google, Mail.ru, Yahoo I and Facebook unique users from confocore for Facebook, revenue estimates of \$2.08 is based on press reports, as cited by Bloomberg, 12/18/10. Time trans and Badou usage marker are it Morgan estimates.

Google advertisers get 7x return on what they Pay Per Click. **PPC dynamic pricing of billions** of keyword auctions per week "page order ranks" by price + quality score-- the winning combo of higher clickthroughs & relevance...

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Who's monetizing network effects?



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Takeaways

- 1. What does the Web, crowds, smartphone markets, social graphs, game theory and Big Data have in common?
- 2. What did IBM and Whirlpool do to spark innovation and entrepreneurship in their top 25,000 managers worldwide resulting in several new \$1B businesses in less than 3 years?
- 3. What business model is behind the profitability of LinkedIn, Facebook, GE and Harrah's casino empire?
- 4. Did Google, eBay, United's Sabre Systems or Bloomberg figure out the dynamic pricing strategy that generates the most auctions per day with the highest return?
- 5. How do companies big and small "monetize" their off-book digital capital? How to assess your digital assets?









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