

# The Internet

(why you should take this course)

# Societal Change

- Economics: Black Friday, Cyber Monday, E-Fairness legislation
- Dating: okcupid, match.com
- Knowledge: Google books, eBooks, wikipedia
- Communication: IM, VoIP, video telephony

# Political Change

- Arab spring: SMS, Twitter, U.S. State Department
- Diplomacy: Wikileaks
- Occupy movement: Twitter, Facebook
- By force: Stuxnet worm

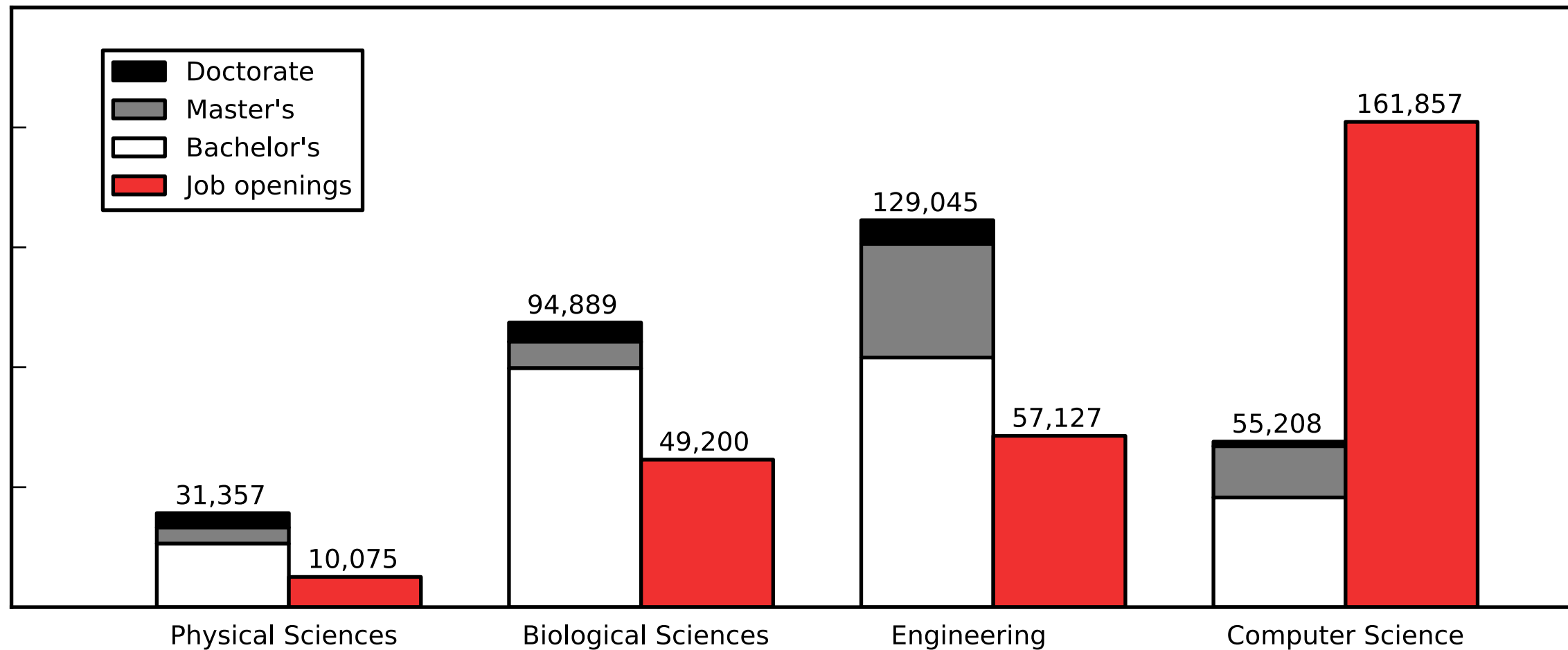
# Economic Change

- #24: Sergey Brin and Larry Page (tied)
- #26: Jeff Bezos
- #35: Mark Zuckerberg

(data from Forbes top billionaires list, April 16 2012)

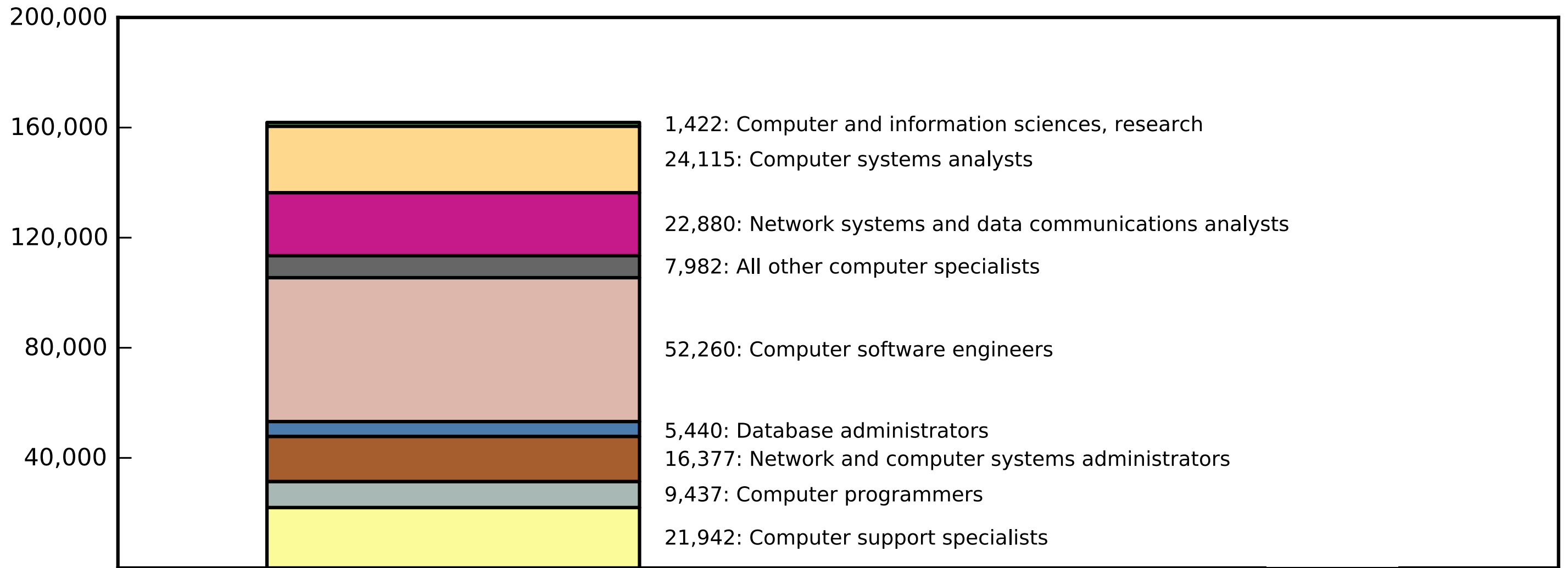
# Second Industrial Revolution

Degrees conferred in 2008 and projected job openings/year 2008-2018



<http://csl.stanford.edu/~pal/ed>

# Roles in the Revolution



# This Course

- How computer networks work: principles, design, and implementation
- Use these principles to understand the current Internet
- How to apply these principles to help build the future Internet
- How forces shape the Internet: technological, economic, social, political