@MyWebUniversity

Page & Brin



Two Friends Who Built Google

search · Android · Cloud · AI

$100,000 CHECK · 1998



A MYWEBUNIVERSITY STORY

Google

Two Friends Who Organized the World's Information

Search · Android · Cloud · AI

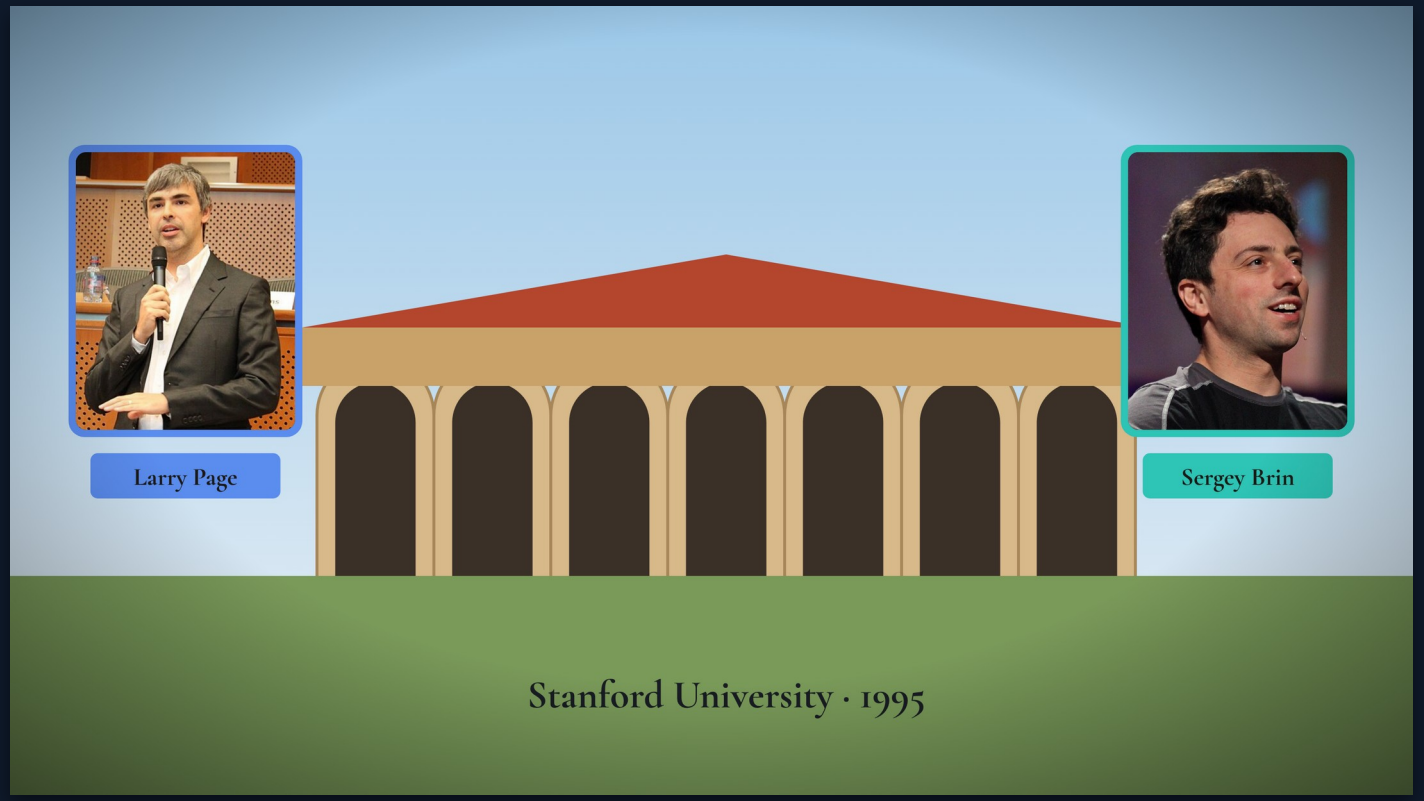


Larry Page



Sergey Brin

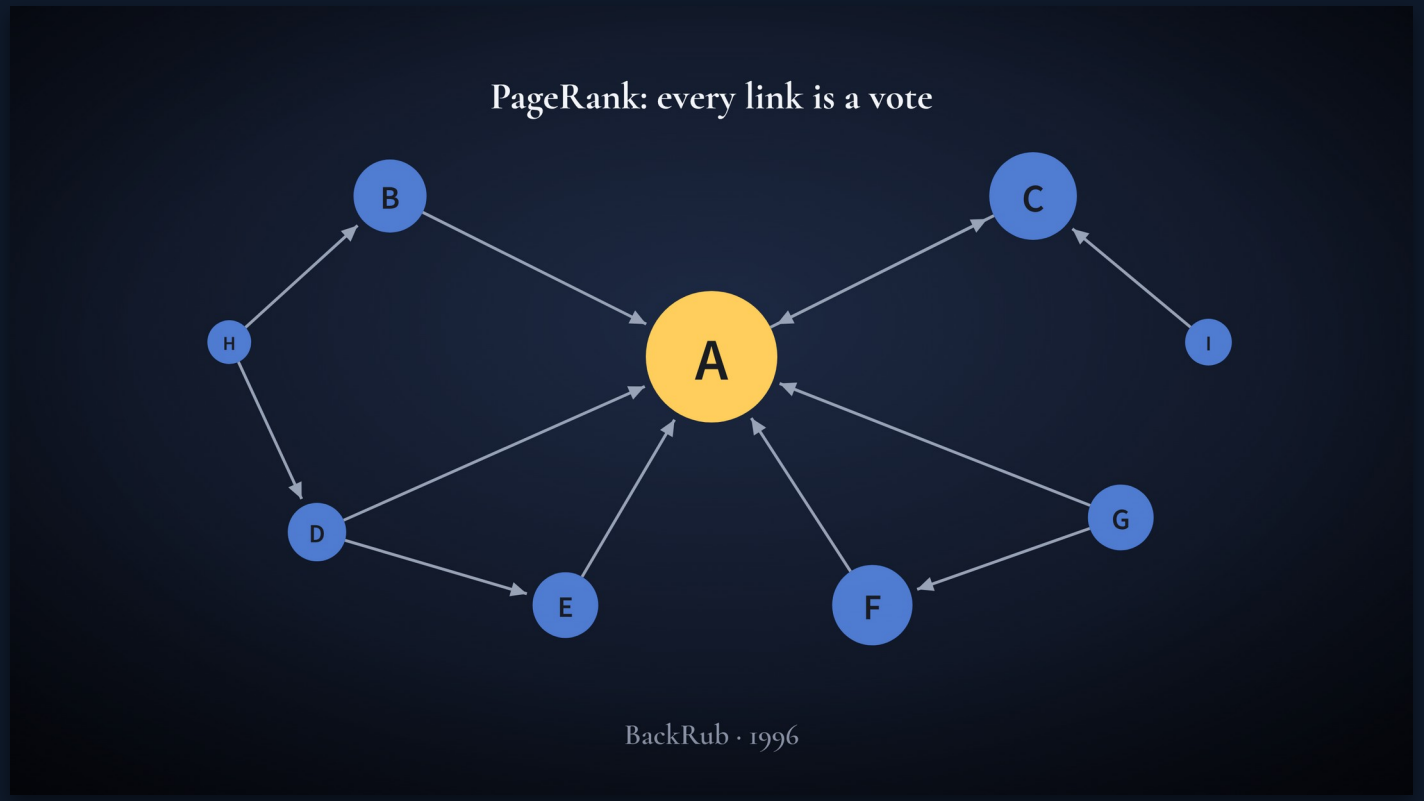
Two Students at Stanford



- 1995: Larry Page and Sergey Brin meet at Stanford
- Brin’s family moved from Moscow when he was six
- From arguments to partners

01

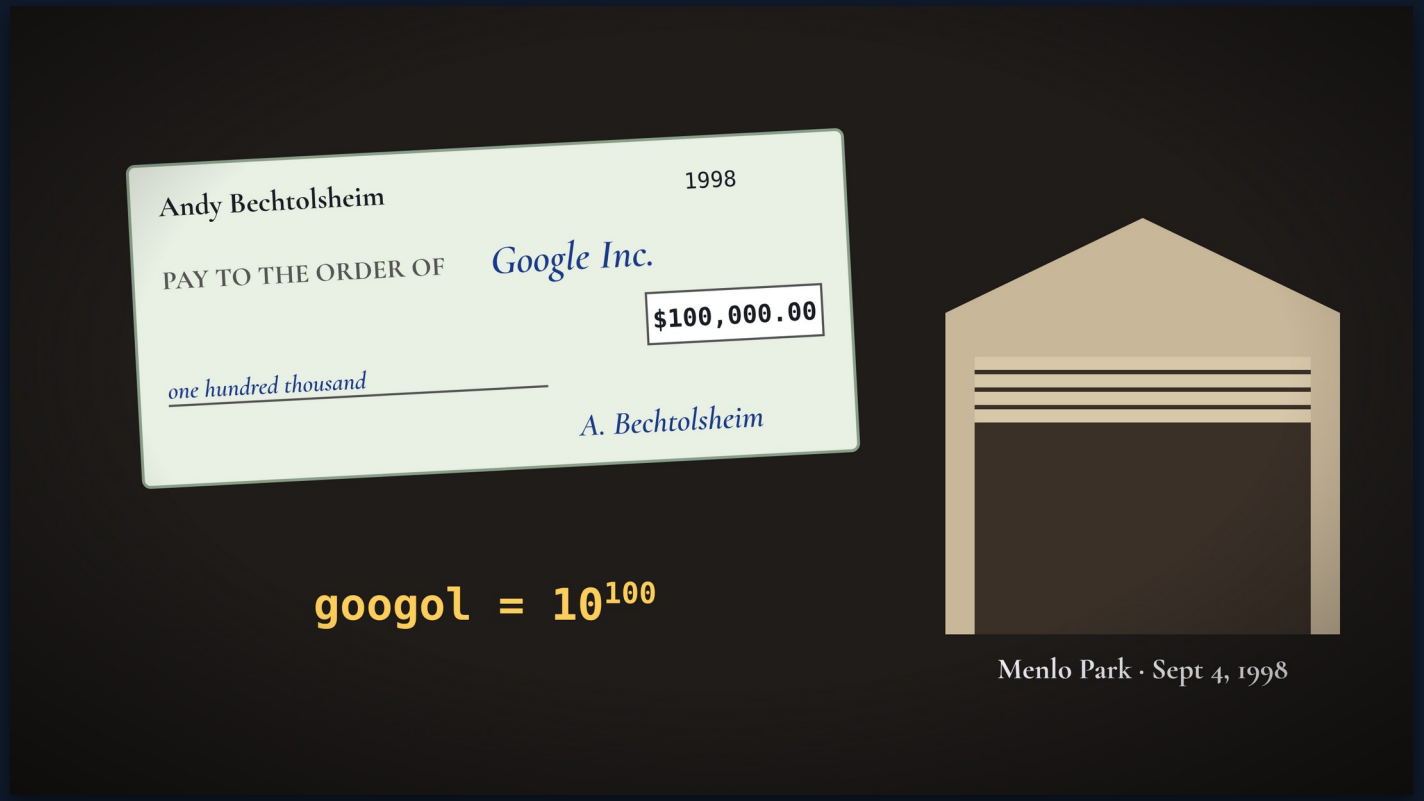
PageRank: Links as Votes



- BackRub research project
- PageRank: each link is a vote
- Far better search results

02

A Check and a Garage, 1998



- $100,000 check from Andy Bechtolsheim
- Incorporated September 4, 1998 · Menlo Park garage
- “Googol” = 1 followed by 100 zeros

03

The Mission



- Organize the world’s information
- Simple, fast search + small text ads
- 2004: public company

04

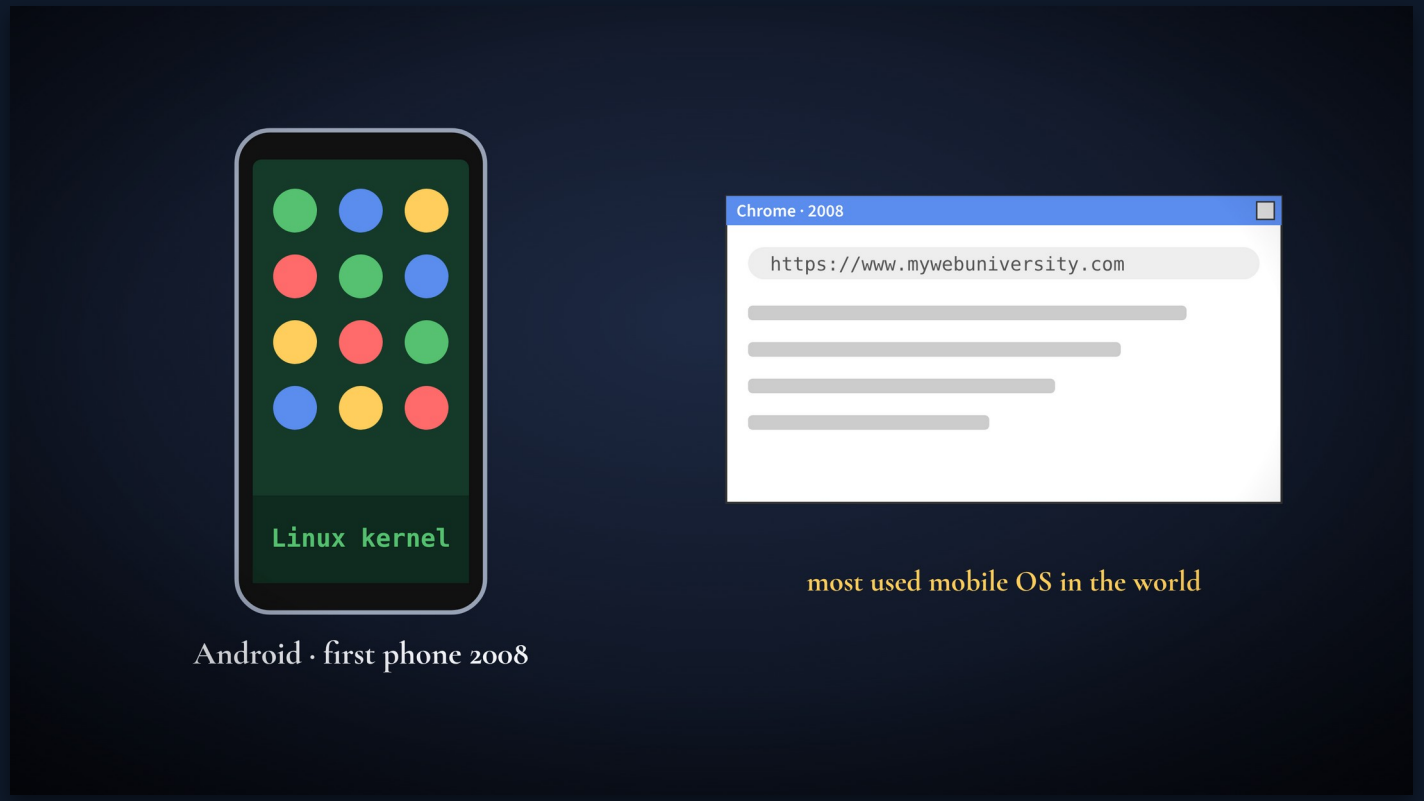
Gmail, Maps and More



- April 1, 2004: Gmail
- 2005: Maps and Earth · then Docs and Drive
- 2006: YouTube acquired

05

Android and Chrome



- 2005: Android startup acquired
- 2008: first Android phone, on the Linux kernel
- 2008: Chrome browser

06

Google Cloud



- Compute Engine · Cloud Storage
- BigQuery for huge data
- Kubernetes, open-sourced 2014

07

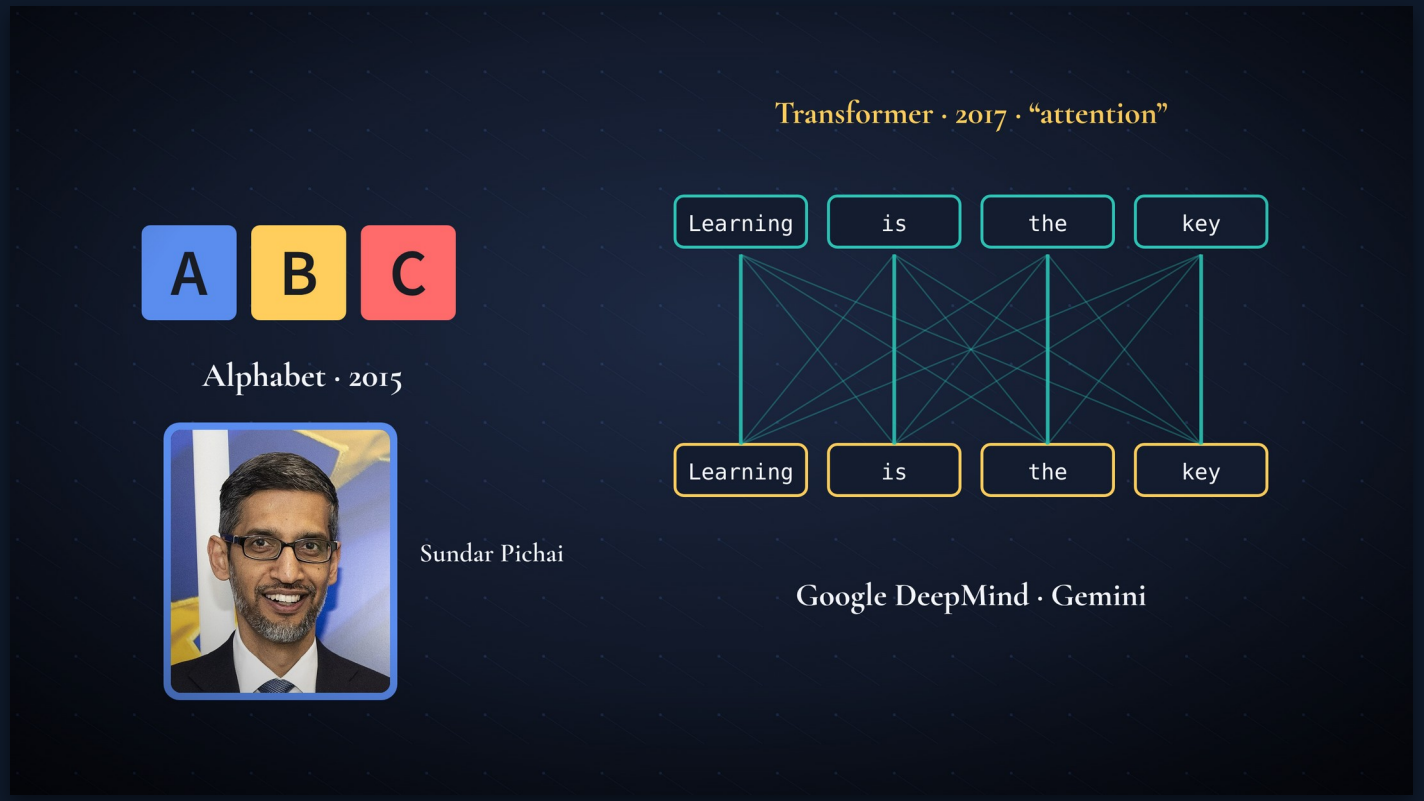
Tools for Learning



- Workspace: Gmail, Docs, Sheets, Slides, Drive, Meet
- Google Classroom for teachers
- Translate (incl. Persian) · Scholar

08

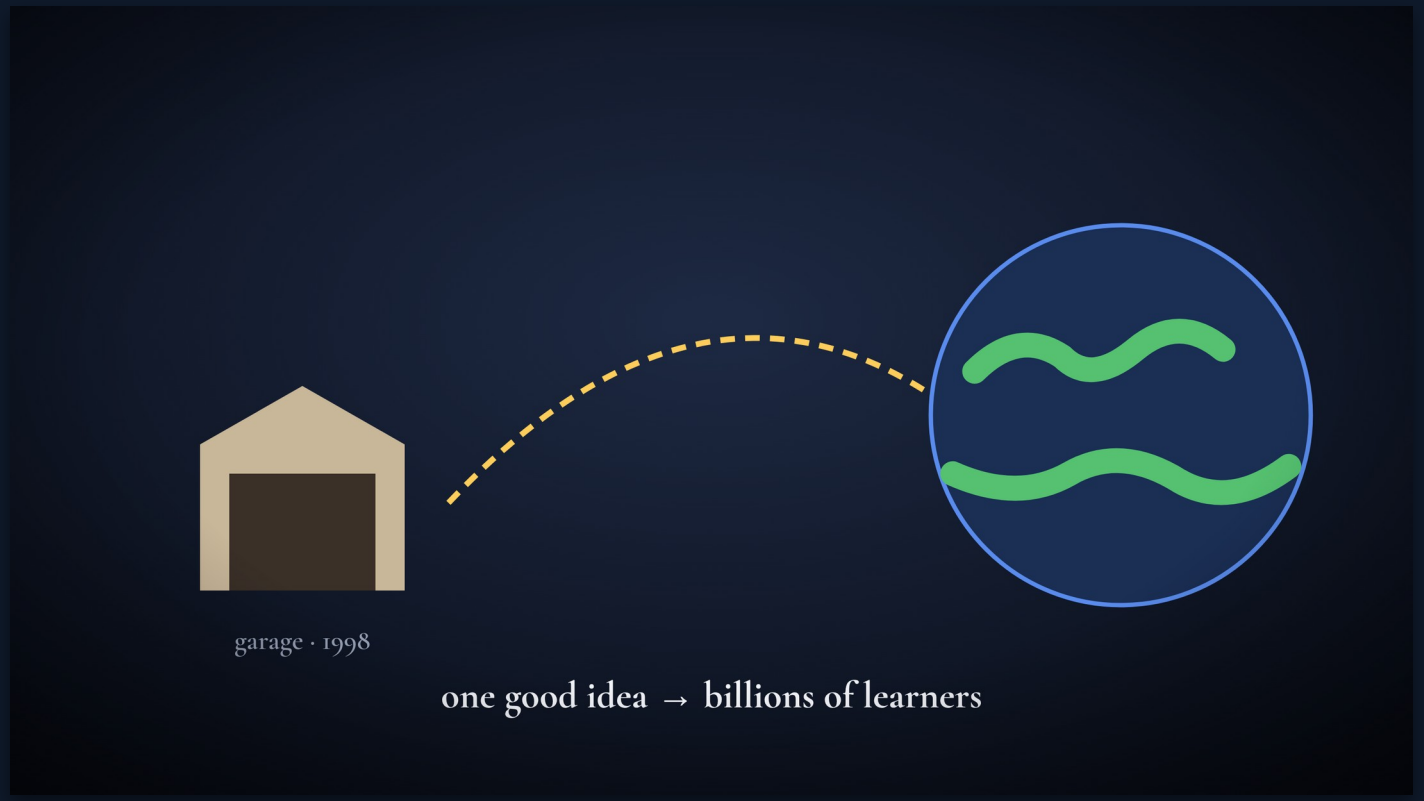
Alphabet and AI



- 2015: Alphabet · Sundar Pichai CEO of Google
- 2017: the Transformer paper
- Google DeepMind · Gemini models

09

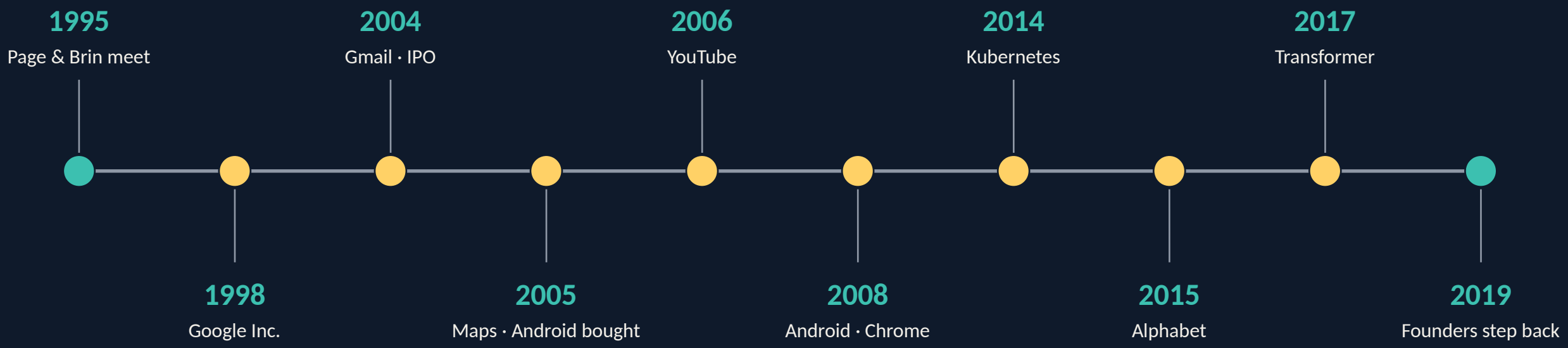
From a Garage to the World



- 2019: founders step back from daily management
- They still hold most Alphabet voting power
- One good idea → tools for billions

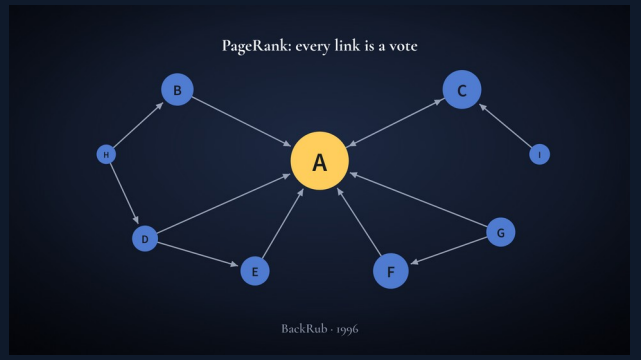
10

Timeline: 1995 to 2019



Sources and Further Reading

1. Brin & Page, “The Anatomy of a Large-Scale Hypertextual Web Search Engine,” 1998
2. Google, “Our history” — about.google
3. Vaswani et al., “Attention Is All You Need,” 2017
4. Alphabet investor relations — abc.xyz
5. Google Cloud documentation — cloud.google.com
6. Photos: Larry Page, Sergey Brin, Sundar Pichai — via Wikimedia Commons (original authors and licenses listed there).





Thank you for watching

MyWebUniversity.com

Free technical education since 2000 — English and Dari

@MyWebUniversity · @MyWebUniversity-Dari