

Android – an unexpected rival of the iPhone

Android Inc. founded by *Andy Rubin et al.* in 2003

- original goal is to develop an OS for digital camera
- shift focus on Android as a mobile OS

The startup had a rough time [story]

- run out of cash, landlord threatens to kick them out
- later bought by Google
- no carrier wants to support it except for T-Mobile
- while preparing public launch of Android, iPhone was released

Android 1.0 released in 2008 (HTC G1)

- In 2023, ~70% of mobile OS market (iOS ~13%)

Why are mobile OSes interesting?

Now an essential device part of people's daily life
(sometimes the only computing device)

- ➔ Mobile OSes and traditional OSes share the same core abstractions ... but also have many unique designs