

# Mobile Development Club

Episode 1

What is your favorite mobile app or game?



# What will we do in this club?

- Learn the basics of mobile development and Android
- Build and play with mobile apps



# Housekeeping

- Be present
- Be on-time
- Take the lead
- Heads up for coaching
- Let me know what's up



# Club Hub

- You will have access to the syllabus, slides, project guides, and any other resources from the day
- <http://github.com/codenextdroid/hub>

# What is Mobile Development?

# Mobile Development

- The process by which apps are created for mobile devices like phones, tablets, or watches



# Platforms

## iOS

- Created by Apple and only runs on Apple
- Pioneered mobile development
- Developed with XCode and Swift
- iPhone, iPod, iPad, Apple Watch, Apple TV



## Android

- Created by Google and runs on a variety
- 80% of the mobile market share
- Developed with Android Studio and Java
- Android phones, tablets, wearables, TV, auto, etc.



# Why Android?



# Why Android?

- Uh.....Google lol
- The Pixel
- Manageability





# Dessert ICE Breaker





- Find who has the same Android dessert as you and sit together
- Tell each other your name, grade/school, and favorite dessert
- Find a fact about your dessert version on <http://www.android.com/history>
  - Make sure not to choose the same one!

# The Google Pixel



# Background & Features (Pixel 1)

- The Pixel/Pixel XL is a phone created by Google that runs Android OS
- Originally announced in Fall 2016
- Started with Android version 7.1 (Nougat)
- Ranked as best mobile camera
- Unlimited storage with Google photos
- Comes in colors: Very Silver, Quite Black, Really Blue
- Built-in Google Assistant



# Background & Features (Pixel 2)

- Successor to the Pixel & Pixel XL
- Announced in Fall 2017
- Regarded as the best Android phone
- Started as Android version 8 (Oreo)
- Comes in colors: Just Black, Clearly White, and Kinda Blue
- Built-in Song Identification
- Google Lens (AI Camera)



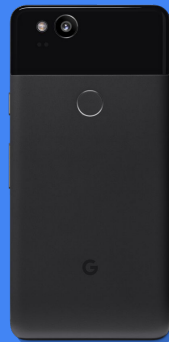
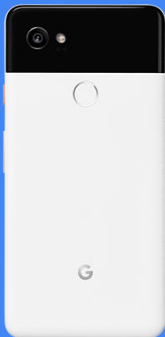
# Phone sitting



- Be kind to the phones
- The phones are yours throughout the club
- The phones stay at home in the lab
- Only use the phone assigned to you
- Follow any rules you have with your personal phone



# Phone Distribution





# PLAY



# Google Play

- Play with phone features and/or download a free Android app from the Google Play Store
- Recommended:
  - Google Photos
  - Google Assistant
  - Google Cardboard
  - Google Daydream
- Fill out the brief playsheet