Intro to React Native

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Download Expo from the app store

Schedule

1. Hello World!
2. Components and Layout
3. State and Props
4. Navigation
5. Firebase Database Setup
6. Final Project

Final Project

- Required to build a simple working app
- Rules:
  - Involve a database or at least one integration not covered:
    - Facebook Login, Mapkit, Stripe API, Animations, etc...
  - Must have at least 5 screens
  - Assume you have a NEW start-up idea. Let this be a first step!
    - New social media idea, improved productivity app, supporting a new trend (crypto watcher app), ...
  - Simple is OK! but it must be polished/ aesthetic/ .... NO BUGS
- Checkpoint Due Date: **March 6th**
- Due Date: **May 1st**

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- **Four randomly selected people will present in class on the last day**

Example Project

Esket Started!

Installing Node

Linux:

```
curl -sL
https://deb.nodesource.com/setup_8.x | sudo -E bash -
sudo apt-get install -y nodejs
```

MacOS:

```
brew install node
```

OR

Curl command on the website

Installing React Native

- Two ways: Using Expo or Building with Native Code
- We will use Expo: easier to get simple apps running
- Start by making a directory (for example, on Desktop) and run:

```
-  npm install -g create-react-native-app
-  create-react-native-app AwesomeProject
   cd AwesomeProject
   npm start
```

Using Expo

- Expo allows us to quickly test app on phone
- Install Expo from mobile phone app store

Possible 'react-native run-ios' Error:

```
Found Xcode project TestProject.xcodeproj xcrun: error: unable to find utility "instruments", not
a developer tool or in PATH

Command failed: xcrun instruments -s xcrun: error: unable to find utility "instruments", not a
developer tool or in PATH
```

Solution:

Go to `Xcode > Preferences > Locations` and set Xcode version to latest version.