# Class Overview

# Setup

Make sure developer environment setup:

- https://tinyurl.com/yayzkeny

Slack Channel

- https://reactnativetraining.slack.com/
- Channel:amex-march-ny

# Intro

# HelloWorld

```
HelloWorld
```

Install Android/iOS dev tools:

```
See Building Projects With Native Code:
• https://facebook.github.io/react-native/docs/
  getting-started.html
```

Creating a new application:

```
• react-native init HelloWorld
• cd HelloWorld
   • react-native run-ios
   • react-native run-android
```

Alternatively for today use Expo Snack:

```
• https://snack.expo.io/
```

# Curriculum

# Curriculum

Day One:

- Setup developer environment.
- Class Intros.
- Intro to React Native.
- What is JSX?
- An intro to Flexbox.
- An intro to networking.
- Managing state with React part 1:
  - What is a React Component?
  - Props Vrs State.
  - Component lifecycle.
  - Component Patterns:
    - Presentational & Container Components.
- Build an example leveraging the knowledge that we have accrued above.

# Curriculum

Day Two:
- Ecosystem overview.
- Managing state with React part 2:
  - Component Patterns:
    - Higher-Order Components.
  - How do we share state between screens?
  - Redux.
- Rebuild previous days Example using redux.
- Performance.
- Lists.
- Animations.

# Curriculum

Day Three:

- Navigation (Javascript).
- When To Go Native Over Javascript with React Native?
- Navigation (Native).
- Rebuild Previous example as a tabbed screen.
- Platform Specific Code.
- Code Push.
- Deploying an App to the Appstore.
- Office Hours.