

# Node Program

## Introduction



Node.js version: 5.1  
Last updated: Jan 2016

# Before We Start...

You'll need:

- Node.js and npm
- Code editor
- Command line
- Internet connection
- Slides & sample code

# Slides and Everything Else

<https://github.com/azat-co/node-react>

```
git clone git@github.com:azat-co/node-react.git
```

# Installing Node.js

- <http://nodejs.org>
- `$ brew install node`
- [Node in 30s](#)

You may also want/need a local data store!

- MongoDB
- MySQL
- Postgresql

# Introductions



Instructor: Azat Mardan

- Work: Capital One, Storify, FDIC, NIH, DocuSign
- Books: ReactQuickly, Full Stack JavaScript, Practical Node.js, Pro Express.js, Mongoose Course



# Introduce Yourself

1. What is your tech background/language?
2. What is your project?
3. How do you plan to use Node.js?



# Outcome

- Build server-side web applications with the Node.js platform utilizing the JavaScript language
- Use Node.js framework Express.js
- Use NoSQL database MongoDB
- Get familiar with Meteor
- Grasp React and Isomorphic JavaScript

# HipChat Room

<https://www.hipchat.com/gl1lG5c2q>

# Node Program

# Effective Learning

50% workshops +

50% lectures +

50% Q&A/office hours

(yes, we deliver 150%!)

workshops = coding + collaboration + pair programming + solo programming + discussions + reading + solving problems (👉 if stuck)

# Interweaving

# Spaced Repetition

# Agenda

## Node.js Day:

- 9-11:00: Lectures: Intro, setup and Node.js Basics
- 11:00-12:00: Workshop
- 12:00-1:00: Lunch



# Agenda

## Node.js Day:

- 1:00-2:00 Lectures: MongoDB, Express
- 2:00-3:00: Workshop
- 3:00-3:15 Break
- 3:15-4 Lectures: Meteor
- 4-5 Workshop

# Agenda

## React Day:

- 9-11: Lectures
- 11-12: Workshop
- 12-1: Lunch

# Agenda

## React Day:

- 1-2: Lectures
- 2-3: Workshop
- 3-5: Office hours and individual tracks

# Individual Tracks

1. Deployment
2. Single-page Application
3. REST API
4. Your own project/idea

# Questions and Exercises

Write them down and ask at the end of the lesson:  
you'll have 5 open frames to ask questions. Use them fully!



No workshop for this lesson. 😬

