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WELCOMETO

BOOTCAMP

GRAND INTRODUCTIONAND

Who are we?

C | R C | INSTRUCTOR

Email: bj@grandcircus.co | Slack: bjclark

TA

Email: chris@grandcircus.co | Slack: Christopher Watts

TA

Email: roger@grandcircus.co | Slack: Roger Winright





GENERAL THEMES

The following are some themes of how we do work at Grand Circus. If we can embrace these, we'll all be successful!











STARTING TODAY, WE'REALL INVENTORS

Not "just students".

We all learn every day.

We are working with a blank canvas every day, and will build amazing things.

Look for real-world problems you want to solve.

CODE IS COMMUNICATION

We communicate with

- 1. People
- 2. Computers
- It's easy to write syntactically correct code that is very difficult for a human to read.
- Strive for clarity, mean what you say

PROGRAMMING IS MUSCLE-MEMORY

Practice, practice, practice.

Videos and tutorials are great, but the best way to learn to write code is to actually write code.



BUILD ON YOUR STRENGTHS, LEAN IN TO YOUR WEAKNESSES

Front end is two mindsets: design and functionality

Some of us will grasp one easier than the other



LEARNING IS A TEAM SPORT

- Ask questions And
- Meet up with other team members
 Utilize your instructor and TAs



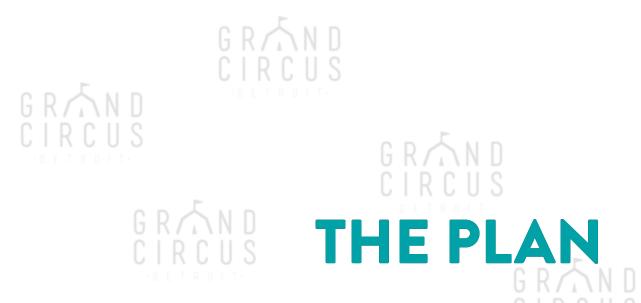






THE PLAN

- Git, HTML/CSS, Media Queries
- JavaScript, Testing
- the DOM, Git, Project
- TypeScript, Angular
- Angular, API's
- Project, Node.js, Express
- SQL, PG, Data Structures and Algorithms
- Git, Mock Behavioral/Technical Interviews, Finishing Up Content, Final Projects
- Final Projects and Graduation



Each week contains lectures focused around a weekly topic.

There are practical exercises every day.







PRACTICAL WORK

Two categories divide the practical work.

- Exercises are short & focused on practicing a specific topic or technique.
- Labs are broader in scope and incorporate more of the material.

Labs are expected to be turned in, on time, regardless of their completion.













SOFT SKILLS

Soft skills are an essential part of being successful in engineering.















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YOUR NEW JOB

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You are expected to be in your seat on time, ready to start.

Try to do a coffee break, restroom break, or various other settling-in activities before or after class.

Grand Circus heavily enforces timeliness.

If someone does not complete/turn in his or her labs, projects, and soft skills material by the deadline, they do not receive any credit or feedback.

Labs are due before class the following day unless otherwise noted.









It is uncomfortable not knowing how to solve problems.





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Developers are problem solvers.

Developers solve problems by writing code.

If a developer comes across something they are not sure about, they research until they find a working solution.

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STUMPED ON QUESTIONS?

- 1. Google, StackOverflow, or even Github
- 2. Ask a classmate

Still stumped? Ask an instructor or TA











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Don't waste hours trying to fix a bug without any progress.

If you are genuinely stuck, ask a classmate, TA, or instructor for help.



Learning how to work through errors and problems is an *essential* skill.

Grand Circus is going to pull back from helping in specific ways as the course progresses.





Slack is a vital tool for us, to communicate with students.









COMMUNICATION

When you need to communicate with us you can do it through Slack or email.

If you choose Slack, make sure the message recipients are your instructor(s) and any TA, not just one of them.

If you choose to email, please email the instructor(s) and TA.

ASSESSMENTS

Assessments are our way to check in with all of you.

There are four assessments in total.

Each assessment is an hour-long code challenge.

PROJECTS

Throughout the class, students have three major group projects.

The first is a JavaScript project.

The second is an Angular project.

The third is a two-week group project that you all present during Demo Day.













- 2. Text Editor
 - 3. Project Directories

































GET CONNECTED GRAND

Network Name: Madison

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Password: Bro@dw@y#



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- Text Editor
 - Slack





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GRÁND INSTALLATIONS

Everything we must install for the class:

- Node.jsPostgreSQL
- PostmanAngular CLI



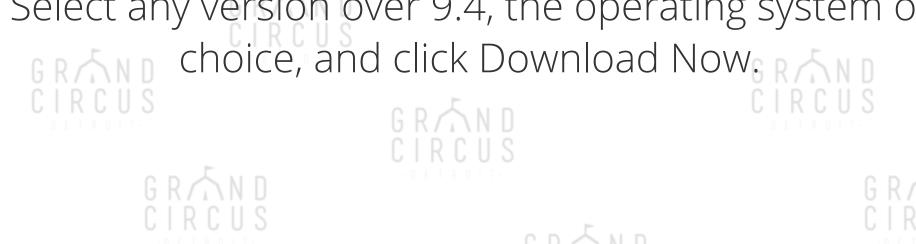
Head over and download Node.js.

Click the installer for the operating system of choice, download and install the program.

Close all Terminal window(s), re-launch Terminal, run the following commands to verify the installation:

node -v npm -v











The text editor used during class is Visual Studio Code.

Download VSCode.

Run the installer.

All default options are perfectly fine.

TEXT EDITOR

VSCode offers a handful of useful extensions.

The list of extensions used in class are:

- 1. Live Server
- 2. Prettier Code formatter GRAND
- 3. VS Live Share
- 4. Auto Rename Tag
- 5. Code Spell Checker