



CODE 201

Foundations of Software Development

Welcome, Developers!



Kickoff!

Day 1

Introductions
Resources
Expectations
Our Goals
How to Learn
How to Succeed



Introductions

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Your DeltaV Team



Eric Engelmann
EXECUTIVE DIRECTOR



Aaron Horn
CHIEF OPERATING OFFICER



Keith Dahlby
SOFTWARE ARCHITECT



Jessica Bertling
UI/UX DEVELOPER



Katie Poeltler
SOFTWARE DEVELOPER INSTRUCTOR



Craig Barkley
SOFTWARE DEVELOPER APPRENTICE



David Becker
SOFTWARE DEVELOPER INSTRUCTOR



Nate Adams
SOFTWARE ARCHITECT/AGILE COACH



Introductions





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415 Resources

- Building Access Cards
- WiFi
- Vault printer
- Conference rooms
- DV Classroom
- Geometric Kitchen



Student Resources



- Canvas: Weekly modules, daily assignments, occasional quizzes.



- Daily Assignments: All work is done in a branch and submitted via Pull Request.



- Slack: Most reliable way to keep in touch with instructor(s) and TA's. Share files, code, gifs, emoticons and instant message your classmates.



- Video Recorded: All class sessions are posted to a private YouTube Channel.



Student Resources cont.



We are on the journey of continuous improvement and constant iteration. Help us help you with your feedback and input.

We take the surveys seriously, and we will review the feedback every Monday to improve the class and improve your experience.
...easy points!



Introductions

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Expectations

Your acceleration starts NOW! Developer, is your new professional title

Running late? No worries!
As a professional you will send us a quick Slack message

As a professional, you will contribute to keeping Slack messages organized



Expectations cont.

You will write code for every concept and skill we cover

Couldn't quite meet the assignment due date? Don't get discouraged!

You will always submit your broken code

We expect you to support each other! You will first search for the answer by re-reading the assignment then you will ask a fellow student and then you will ask the TA.

This is a safe space for all.

That means there is no shame in the code game!

So, you will let us know when you first feel overwhelmed.

As a professional, you will seek help after 15mins.



Expectations cont.

At the midway point
you and Aaron will have 1:1



Aaron Horn
CHIEF OPERATING OFFICER

Enrollment for next course.
Will you have a spot?

Should you take a break and self-study
or perhaps,
it will be helpful for you to audit the next 201?

What stack discipline should I learn?



**Vision and Mission
Introductions
Resources
Expectations**

Our Goals

**How to Learn
How to Succeed**



Goals

This is more like WORK than traditional classes

This course is:

Non-traditional
Practical
Entrepreneurial

Instructions WILL be AMBIGUOUS at times

We are here to ...

coach...
guide...
connect dots...
help...
and lastly, instruct

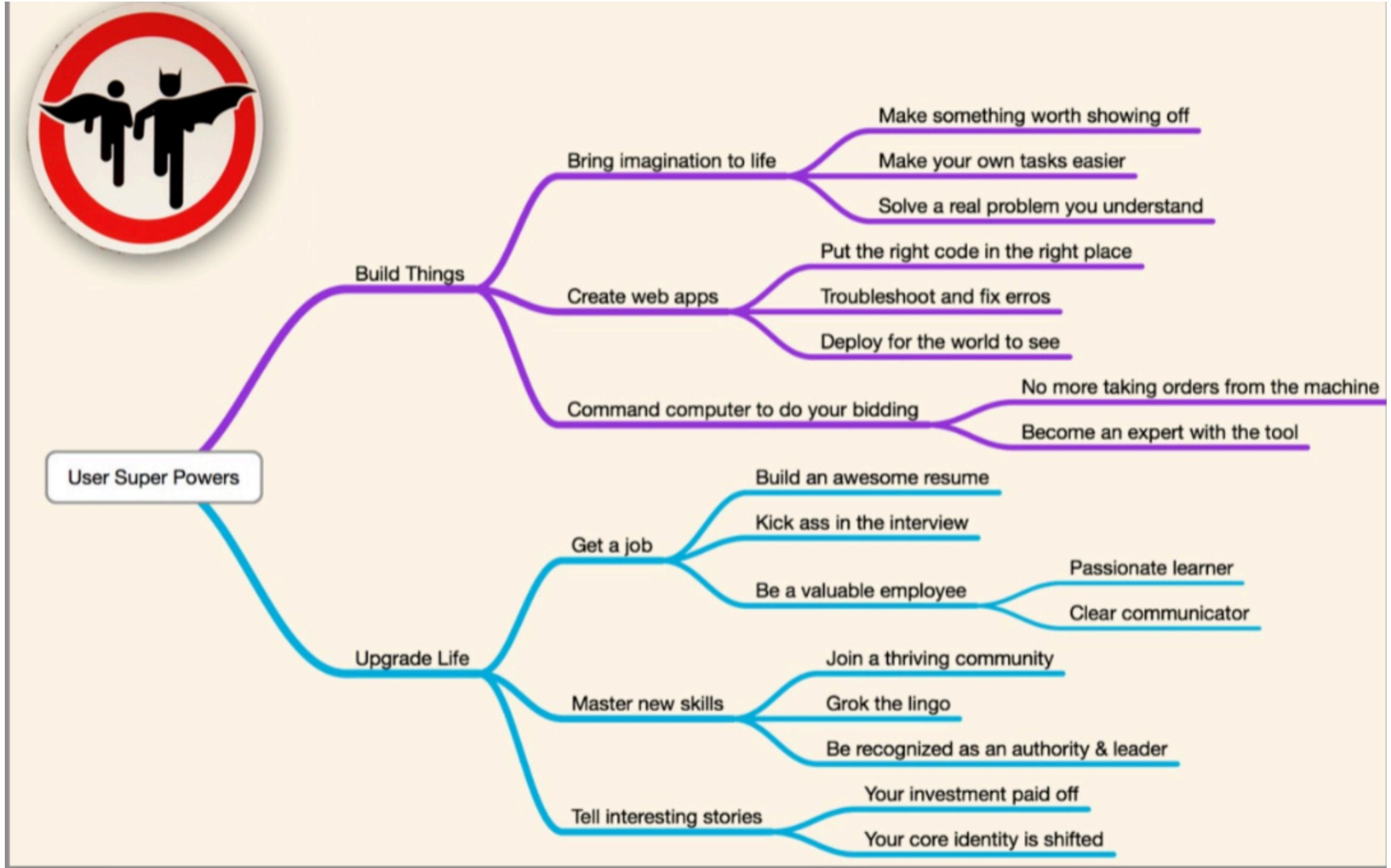


Goals

The struggle is real...



SUPER POWERS





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Goals

Collaborative Learning

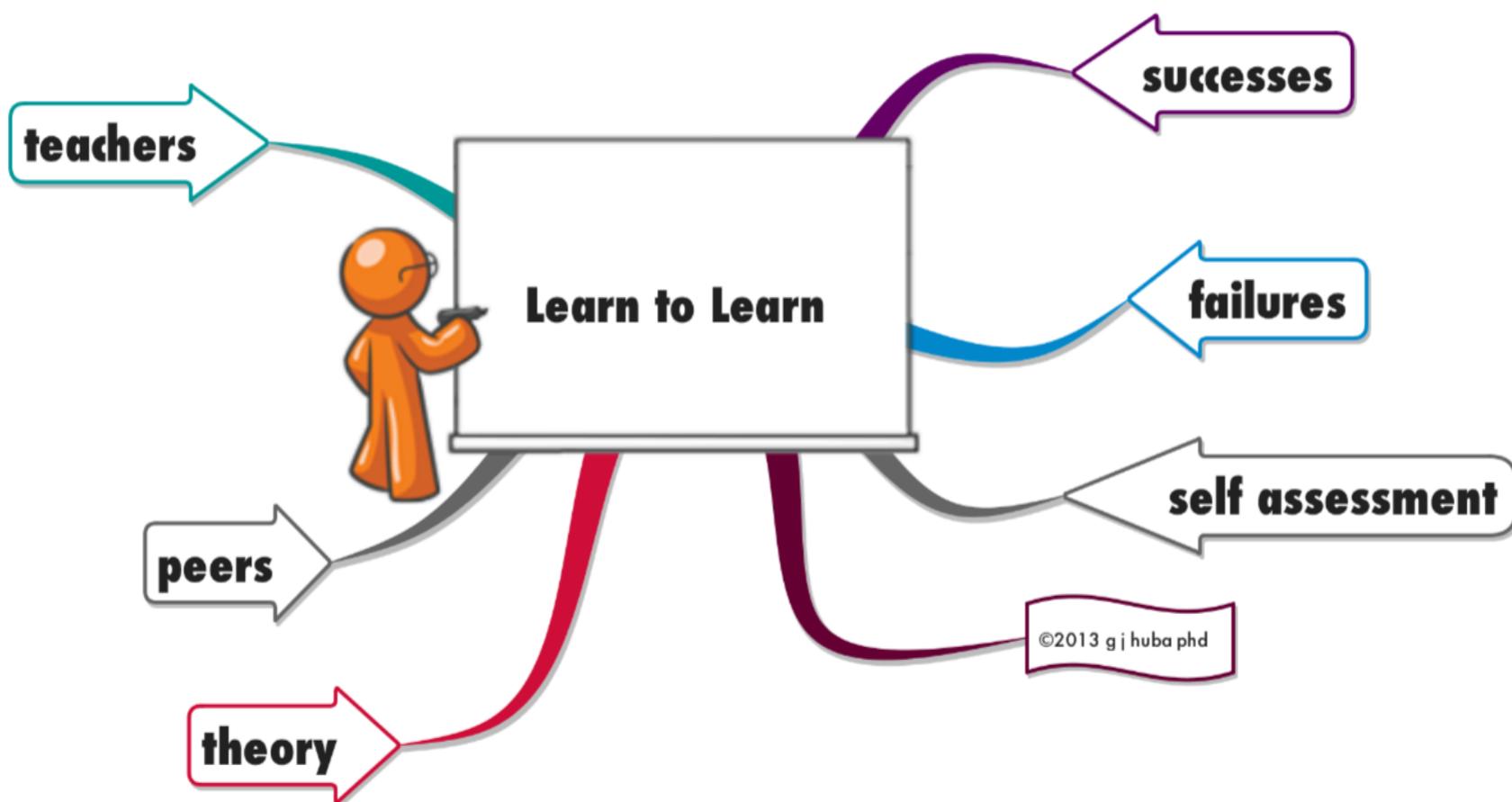
The gift that keeps on giving.



Goals

Learn to Learn

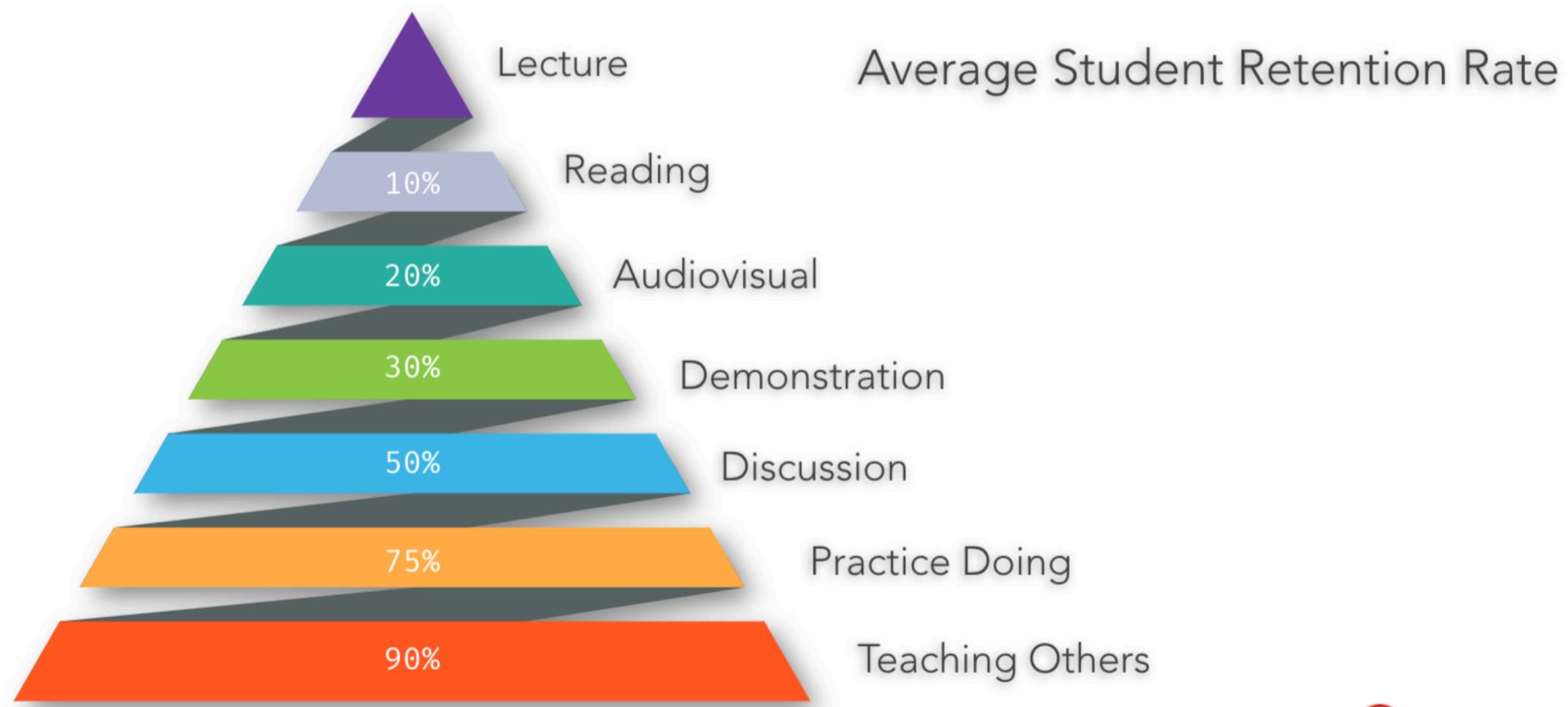
The gift that keeps on giving.



Goals

How The Brain Makes Connections Matters

It matters A LOT, actually.



Goals

PATHS	SANBOXES
SHAPE BEHAVIOR	CREATE ENGAGEMENT
ARE GAMES TO BE PLAYED	ARE SPACES IN WHICH TO PLAY
LEAD PEOPLE ALONG	LET PEOPLE EXPLORE
HAVE PREDICTABLE OUTCOMES	HAVE UNKNOWN OUTCOMES
ARE MEASURABLE	ARE OBSERVABLE
DESIGN EVERY DETAIL	UNDERSPECIFY THE DESIGN
ARE CONSUMPTIVE	ARE GENERATIVE
CREATE DEPENDENCY	ENCOURAGE AUTONOMY
HAVE A CLEARLY DEFINED PURPOSE	PURPOSE IS SELF-DETERMINED
LEAD TO COMPLETION	LEAD TO UNDERSTANDING
END IN AN EXCHANGE	END IN LEARNING & DISCOVERY

Paths get you to the sandboxes...





Kickoff!

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How to Succeed



The measure of whether you learn to write code is not whether the concept was obvious to you upon first glance.

So keep calm and know learning is a process. With practice you will persevere.