Welcome to Fullstack Academy!

ORIENTATION

Fullstack Academy

Agenda

- The Road Ahead
- Daily Schedule
- Expectations
- Keys to Success
- Community Norms
- Class Policies
- Staff Intros
- Plan for Today

The Road Ahead

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- Semester One (Weeks 1-6)
  - **Lectures, Labs, Pair Exercises, Pair Projects, Checkpoints, Activities!**
  - **CS Saturdays**

The Road Ahead

- Semester One (Weeks 1-6)
  - **Lectures, Labs, Pair Exercises, Pair Projects, Checkpoints, Activities!**
  - **CS Saturdays**
- Review Week (Week 7)
  - Solidify Semester 1 Concepts
  - Prepare for Projects

The Road Ahead

The Road Ahead

- Semester Two (Week 8-13)
  - Grace Shopper– Amazon E-Commerce Clone (1.5 weeks)
  - Stackathon (0.5 week)
  - Capstone Project (3.5 weeks)
  - Hiring/Technical Interview Preparation

The Road Ahead

- Don't worry about Job Search Phase yet!

General Schedule: Weeks 1-6

- 9:30-10: Morning Review: Takeaways + Q&A (optional)

- 10-1: Lectures, Labs, Pair Exercises, Pair Projects

- 1-2:30: Mid-day break: Lunch, Gym/Walks, Self Review, 1:1s

- 2:30-6:00: Lectures, Labs, Pair Exercises/Projects

- 6:00-9: Homework, Study, Events, Guest Speakers

Education Process

- Education in jr. phase consists of units
  - Weekly Units
    - Power Monday
    - Project Friday
    - Review
  - Daily Units:
    - Lectures, Labs & Pair Exercises on a new topic
    - Homework (Review videos)
- All lectures are recorded
  - Use recordings for reference & review
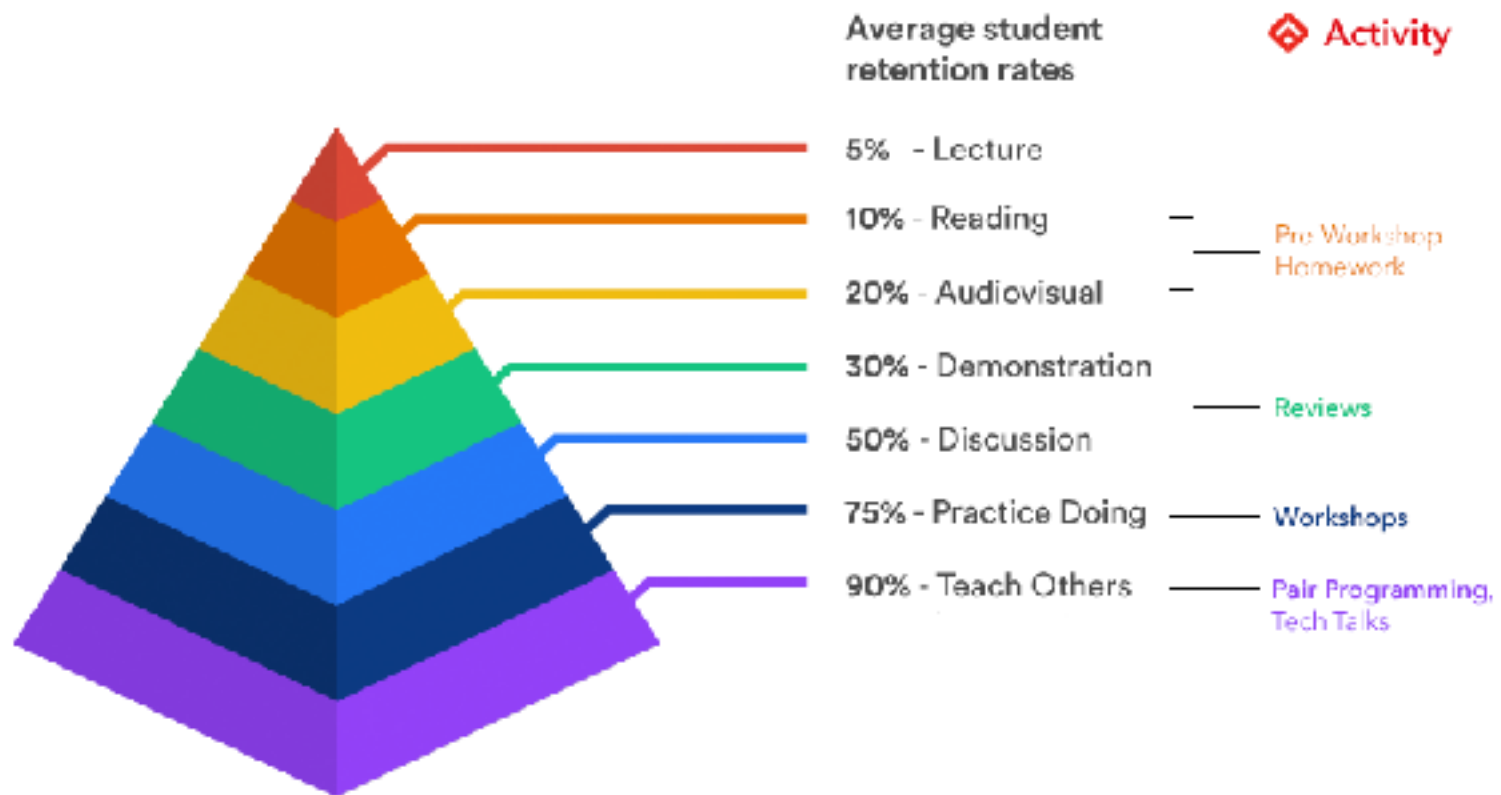 - Possible technical issues

Education Process

- Pair Exercises/Projets completed in pairs: Pair Programming

- Instructional Team on each workshop: Instructor and Fellows

- Help Tickets and Office Hours - 1:1 help and check-ins (LearnDot)

Education Process Pyramid

Learning Pyramid @ Fullstack Academy

Average student retention rates   ◈ **Activity**

5% - Lecture

10% - Reading

20% - Audiovisual
— Pre Workshop Homework

30% - Demonstration

50% - Discussion
— Reviews

75% - Practice Doing — Workshops

90% - Teach Others — Pair Programming, Tech Talks

Source: National Training Laboratories, Bethel, Maine

Academic Support

- **Fellows (Learning Teams)**
- Help Tickets - LearnDot
  - We are here to guide you
  - Productive struggle
  - Clear descriptions of what you are trying to do
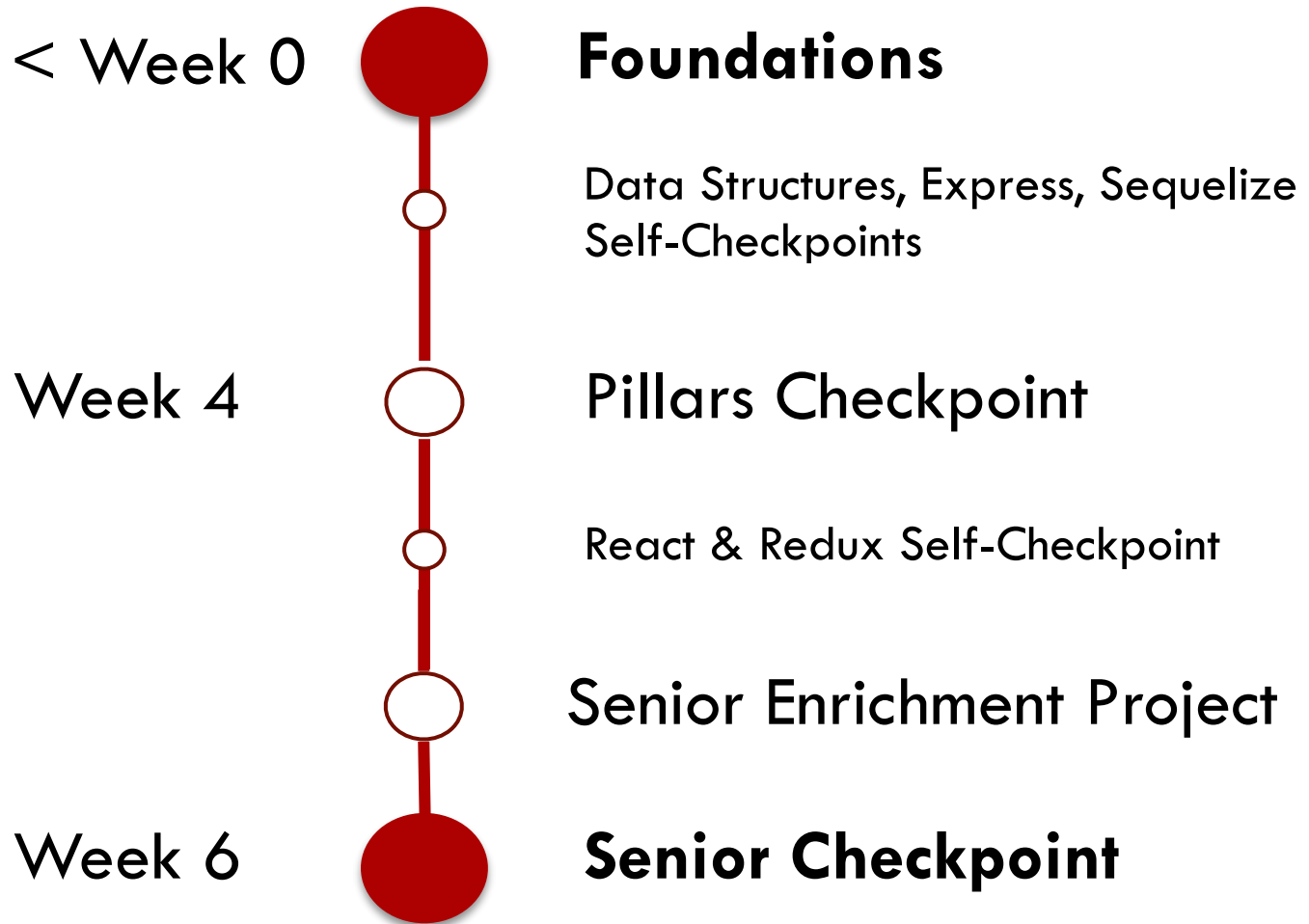   - vs. what is actually happening
- Office Hours

Help Tickets and Class Tools

- LearnDot
  - Help Tickets, Office Hours
  - Workshop and Pair Feedback forms
- Slack
- Google Calendar
- Group Emails

Set Up Second Monitor in Zoom

- In Zoom: Settings > General > Use dual monitors
- Feel free to experiment and use whatever setup best fits your environment and workflow

Academic Checkpoints

< Week 0 ⬤ **Foundations**

○ Data Structures, Express, Sequelize
Self-Checkpoints

Week 4 ○ Pillars Checkpoint

○ React & Redux Self-Checkpoint

○ Senior Enrichment Project

Week 6 ⬤ **Senior Checkpoint**

Academic Integrity

- Do not cheat on your checkpoints and do not plagiarize code on your projects

- Doing so will result in expulsions

Keys to Success

- High Leverage Time
  - Learning
  - Writing Code
  - Teaching
  - Taking care of your health
- Positivity
- Technical Blogging

"If everything seems under control,
you're not going fast enough."

- Mario Andretti

Ice Breaker

Norms & Policies

Community Norms

- Be patient
- Ask all questions
- Trust the process
- Don't rank yourself or others
- Help each other

Community Norms

- Maintain professionalism
- No subtle (or not-so-subtle) -isms: racism, sexism, ageism, etc.
- Apologize when necessary
- Treat each other with respect
- Be mindful of your own biases

Class Policies - remote

- For Workshops and Lectures
  - Be muted
  - Have your video on

Class Policies

- Attendance
  - Daily attendance is required during class hours
  - 4 lates = 1 absence
  - Sign in on LearnDot to be marked present
  - Excused absences
    - Email jessica.wein@fullstackacademy.com if you are absent
    - Make up work is your responsibility
    - It's easy to fall behind, don't be absent or tardy!

Staff Intros

Class Reps

- Junior Phase
  - Social Pair (Social committee of two)
    - Plan game nights, study groups, coordinate virtual hackathons
  - Photographer
    - Take screenshots and share memories with class
- Senior Phase
  - Class Shirt Designer
  - Alumni Rep

- If you're interested in volunteering for a position, let Jessica know!

Plan for Today

- Registration, Photos
  - Make sure you're registered on Fullstack slack org
  - Please upload a recent photo of your face to Learn Dot
- Start!