

iOS Development Accelerator

- Intro To The Course
- Ice Breaker
- What To Work On Until Lecture

wifi password is learnmorefaster

Code Fellows Seattle Team



Brad
Lead iOS
Instructor



Nick
iOS
Co-Instructor



Adam
Lead iOS TA



Mitch
Business Dev



Gina
Business Dev
& Job Hunt



Cris
Lead Python
Instructor



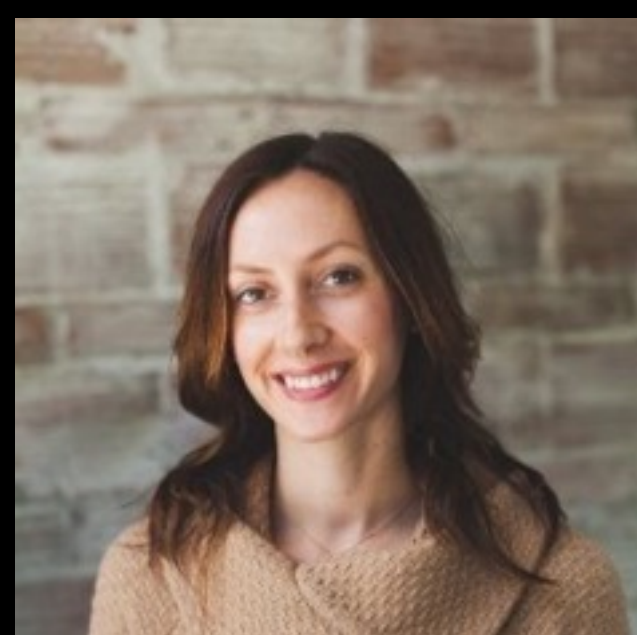
Brook
Rails
Instructor &
Co-founder



Dexter
Lead Web
UI Instructor



Tyler
Lead JavaScript
Instructor



Lindy
Operations &
Admissions



Sarah
Marketing & Social



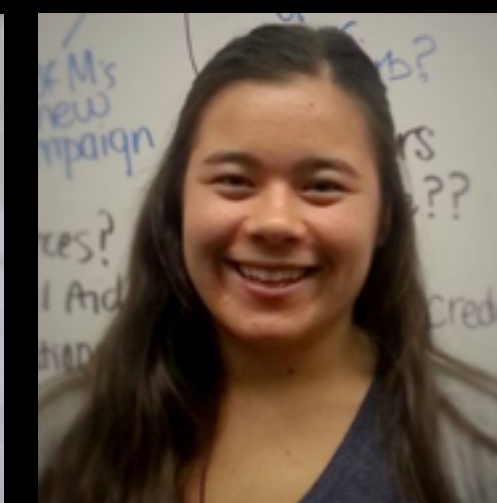
Dave
CEO



Jeff
COO



Karinne
Student Services



Rachel
Marketing
Intern



Sushil
Curriculum
Development

Course Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Lab Time	Lab Time	Lab Time	Lab Time	Lecture
	Code Review with Brad				Job Hunt/Guest Speakers
Afternoon	Lecture	Lecture	Lecture	Lecture	Lab Time
				Weekly Quiz	

The 4 Main Areas of Instruction

1. iOS Development and Best Practices

- How to build high quality iOS applications using Apple's Cocoa Touch suite of frameworks
- In-depth understanding of both Swift and Objective-C Programming Languages
- How to interact with Web APIs and backend servers

2. Data Structures and Algorithms

- Augmented by daily coding challenges and weekly deep dives into a specific data structure or algorithm

3. Working in teams

- Introduction to the Agile software development methods
- Extensive practice with git source control and Github hosting

4. Job Hunt Techniques

- Every Friday we will have presentations on different aspects of the Job Hunt process and how to represent yourself as a software developer
- Mock interviews for both the technical and behavioral question sets

Course Work

- **Daily Homework:**

- Assignment based off the previous days lecture
- Coding challenge to prepare you for interviews
- Must get a 90% average on these to graduate with your job offer guarantee

- **Weekly Quizzes:**

- These do not count against your grade, just used to see if you are sinking or swimming

- **Final Whiteboard Exams:**

- Must pass this in order to graduate with your job offer guarantee. You get multiple tries.

- **Group Projects**

- Ideally you would graduate here with 2 apps on the app store. This is not required, but very much encouraged. We will do everything we can to help you make this happen. Employers love it.

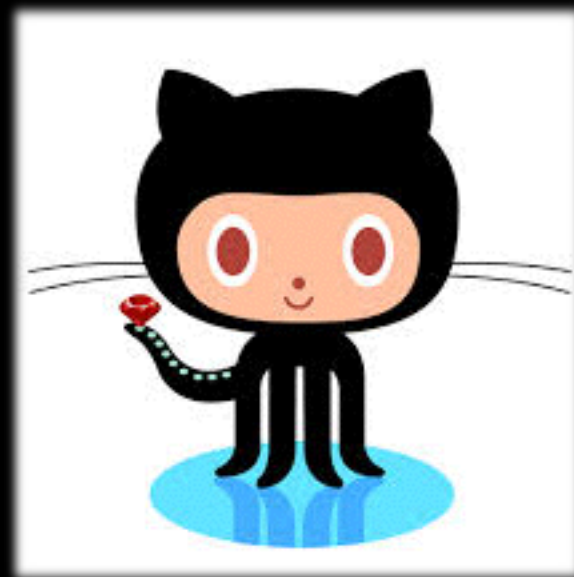
Weeks 1–4 (Swift) Outline



Week 1 - Twitter Clone



Week 2 - Photo Filtering Universal App



Week 3 - Github Client



Week 4 - First Project Week

Weeks 5–8 (Obj–C) Outline



Week 5 - Objective-C Yelp Clone



Week 6 - Core Data
Hotel Management



Week 7 - Objective-C
StackOverflow Client



Week 8 - 2nd Project Week

Turning in Homework

- Homework is graded with a score from 0-100 each week after our code review.
- You should complete two things each week: a finished weekly app, and a playground with all of that weeks code challenges. Please have both of these in one repository each week, let us know if you need help setting that up.
- So you get only get one grade for that weeks work, but we still want to give you....

ALL THE FEEDBACK

- We want to give you as much feedback on your code as possible while you are here at Code Fellows
- In order to give you daily feedback on your homework progress, please push your code up at the end of lab time or the end of the night, even if you aren't done.
- You will also get feedback during your 1-on-1 Code Review on Monday during lab time.
- **And of course, during lab time, please ask any and all questions you have about the HW, your code, ANYTHING iOS development related. Don't be afraid to tap us on the shoulder or message us on slack. We will periodically walk around the tables and make sure everyone is doing well, in addition to sitting with you.**

Honor Code

- Copying someone else's code gets in the way of your learning, so don't do it
- If you borrow more than 3 lines of code from a stack overflow answer, github repo, blog post, etc, give the original author credit via comment or in your repo's ready
- If you are caught submitting someone else's code as your own, you will forfeit your job guarantee

Surveys

- You will be getting weekly surveys sent to you via email
- Please answer these in a timely fashion
- We use these surveys to improve the class and to help identify any students who are struggling

Class Websites

class chat: [#codefellowslack.com](https://codefellowslack.com)
(#sea-d40-ios channel)

class repo: <https://github.com/codefellow/sea-d40-ios>
(will be updated daily after lecture with all slides and
sample code)

canvas: <https://canvas.instructure.com>
(used exclusively for homework posting and grading)

Please let me know asap if you don't have invites/access to any of these

The Struggle is Real





Tim Hise,
Nordstrom



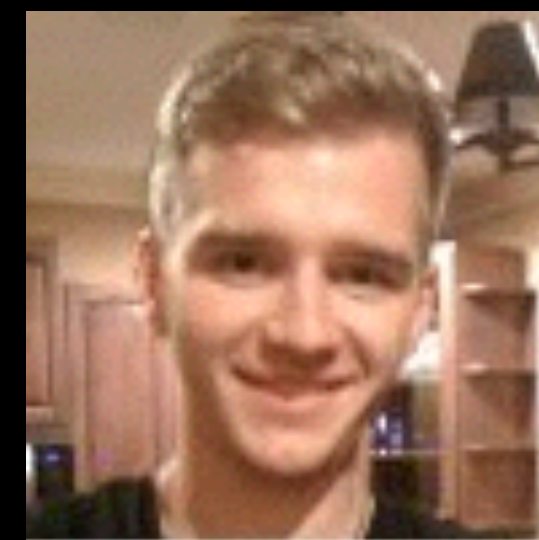
Michael Babiy,
Getty Images



Chris Meehan,
HCL Technologies



Rich Lichkus,
General UI
Rhapsody



Ivan Lesko,
General UI



Lauren Lee,
Nordstrom



Anton Rivera,
Big Fish Games



Andrea Silkey,
Disney



Brian Radebaugh,
Nordstrom



Chris Cohan,
Eigital



Pho Diep,
Celedon Partners



Dan Fairbanks,
Fresh Consulting



Zuri Biringer,
Siren



Andrew Rodgers,
L4 Mobile



Reed Sweeney,
LIFFFT



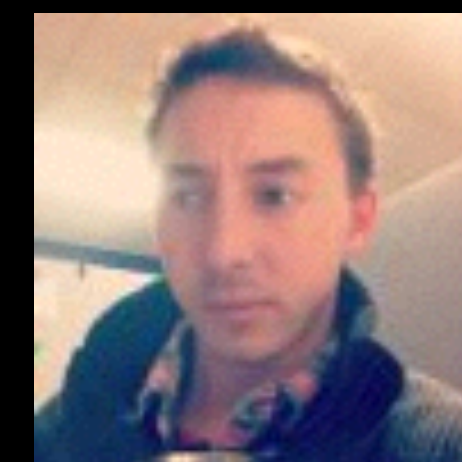
Matt Remick,
Nordstrom



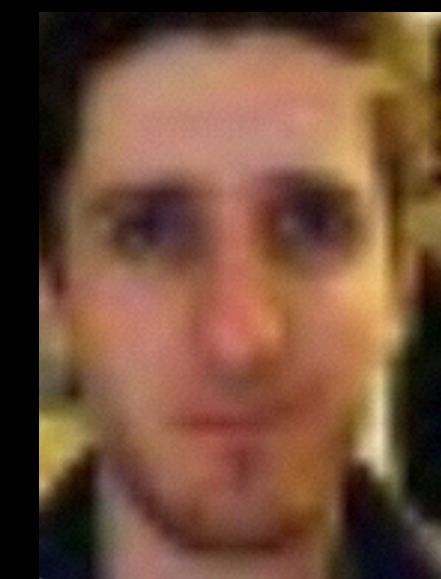
Spencer Fornaciari,
Blank Check Labs



Ryo Tulman,
Muegello



Christian Hansen,
National Center of
Telehealth



Jeff
Schwab,
Felt



Ice Breaker

What to do now until 1pm?

- Today is a little weird since we have not had a lecture yet and we are currently in Lab time.
- So until 1pm:
 - Read through the Ray Wenderlich Swift Style guide. This is the style guide we will use for all of our Swift code to stay consistent and make our code look awesome. When in doubt, consult the guide.
 - Get your weekly repository setup, and then submit the link via canvas' homework section.
 - I have posted this weeks homework set to canvas, including todays coding challenge. Create a new playground and give it a try.
 - Grab an instructor or TA and pick their brain about something you have been working on
 - Grab lunch, tons of food trucks around here starting at 11am.

Brad's Top 5 SLU Food Trucks

1. **El Camion** - Everyday - Yummy burritos and tacos
2. **Saffron Spice** - Thursdays - Right outside our door
3. **Now Make Me a Sandwich** - M/W/F - Delicious sandwiches
4. **Xplosive** - M/W - Tacos, banh mi
5. **I Love my GFF** - Everyday - Gluten free healthy bowls of healthy stuff

Tim Cook Dancing

