

RUBY CERT ADVANCED TOPICS



SUMMER 2014

WEEK 1

QUARTER STRUCTURE

- ☐ 2 HOURS OF LECTURE - DISCUSSION - PAIRING
 - ☐ LOTS MORE PARTICIPATION
- ☐ 1 HOUR OF EXERCISES AND QUESTIONS
 - ☐ WORK ON LARGER EXERCISES; WHERE TO START FOR THINGS THAT WILL SPAN TO HW

“GRADES”

- ☐ BIG FINAL EXAM THAT WILL COVER TOPICS FROM ALL 3 QUARTERS
- ☐ CLASS PARTICIPATION WILL BE THE BIGGEST PART OF YOUR GRADE THIS QUARTER
- ☐ THE HOMEWORK WILL HELP YOU PARTICIPATE IN CLASS

WHAT I LOOK AT TO PASS YOU

- ☐ DID YOU ASK QUESTIONS EVERY WEEK? (IF YOU MISS A CLASS HOP INTO CHAT, SEND AN EMAIL, ETC...)
- ☐ FINAL EXAM - 80% OR BETTER
- ☐ SUBMITTED CODE FOR EXERCISES, PARTICIPATION, HOMEWORK ETC...

TOPICS

- ☐ MEDLEY OF TOPICS THIS QUARTER
- ☐ YOU MAY SUBMIT A TOPIC OR PROBLEM YOU WANT ME TO CHAT ABOUT IN CLASS
- ☐ LIGHTNING TALKS - WHAT HAVE YOU FOUND THAT'S INTERESTING? 5 MIN CHAT WITH THE CLASS ABOUT IT



WTF



- ☐ I'M GOING TO WORK THROUGH INTERESTING THINGS IN CLASS THAT I THINK YOU SHOULD HAVE EXPOSURE TOO
- ☐ LOTS OF WHAT I'M GOING TO DO THIS QUARTER I'M NOT AN EXPERT ON
- ☐ WARNING: THERE WILL BE WTF MOMENTS IN CLASS
- ☐ I'VE HEARD FROM STUDENTS THAT IT'S SUPER HELPFUL TO WATCH OR WORK THROUGH PROBLEMS AS A GROUP - WE ARE GOING TO TRY THIS A BIT.



SCREEN HERO



- ☐ [HTTP://SCREENHERO.COM/](http://screenhero.com/)
- ☐ WE WILL USE THIS TO PAIR IN CLASS
- ☐ I WILL USE THIS TO HAVE YOU ANSWER CODE QUESTIONS ON MY MACHINE (CODING AT THE BOARD IF YOU WILL)

QUESTIONS??

- ☐ ANYTHING BEFORE WE START?
- ☐ IT'S ALL ON THE RECORD AFTER THIS ;)

RAILS BLOG

- ☐ HAVE POSTS AND COMMENTS
- ☐ POSTS CAN HAVE A PICTURE
- ☐ LOGIN WITH DEVISE
- ☐ USER PREFERENCE IN PG HSTORE
- ☐ USE A USER'S GRAVITAR
- ☐ PROBABLY WON'T HAVE TIME TODAY, BUT EXTRA CREDIT:
 - ☐ LOGIN WITH DEVISE OR GITHUB

RUBY EXERCISE

- ☐ THE SOLITAIRE CIPHER (#1)
- ☐ [HTTP://RUBYQUIZ.COM/QUIZ1.HTML](http://rubyquiz.com/quiz1.html)

HOMework

- ☐ READ POODR: CHAPTER 1 & 2 - BE READY TO LOOK AT CODE EXAMPLES FOR THESE PRINCIPLES AND DISCUSS
- ☐ WORK ON SOLITAIRE EXERCISE
- ☐ IF YOU HAVEN'T ALREADY, ADD FILES UPLOADS TO A RAILS APP USING CARRIERWAVE
- ☐ EXTRA CREDIT: READ/SKIM CHAPTER 3 OF MICROSCOPE