

Welcome!

ENTR 925

Startup Programming & Management

Spring 2013



- ❖ **Introductions & Course Overview**
- ❖ **HTML & CSS, Part 1**
- ❖ **Ruby, Part 1**

Course Overview

- 1. What are we going to do?**
- 2. Just tell me how to get an "A".**
- 3. Hold on - who are you ?**

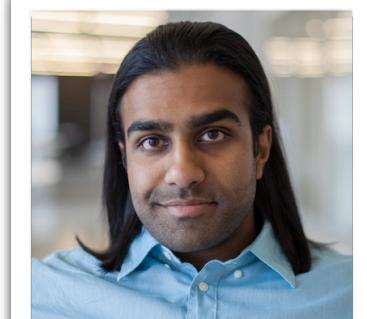
ENTR-925



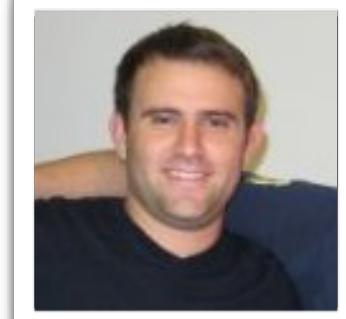
Instructors



Jeff Cohen
Lecturer



Raghu Betina
TA



Josh Elkin
TA

x

Materials

News, Slides, and Resources

entr925.com

Q&A

piazza.com

What Will We Learn?

1. Web Application Development

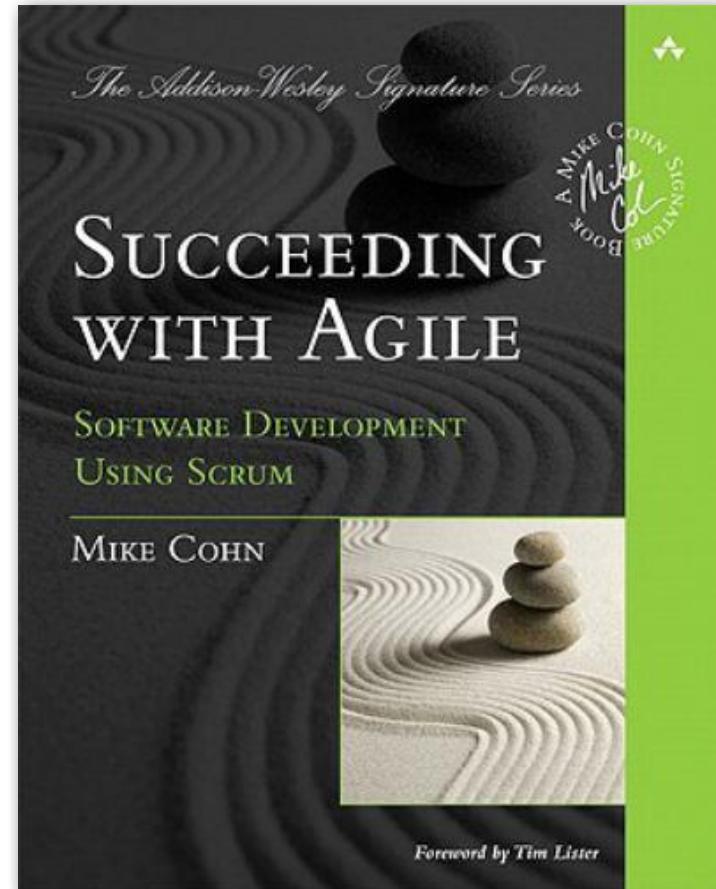
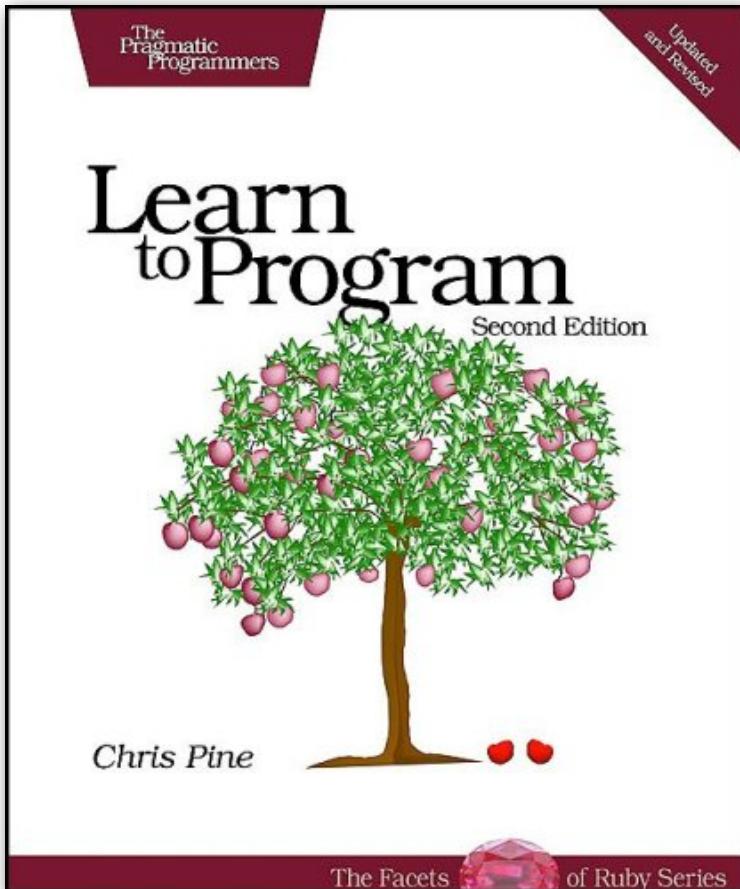
2. Management Tips & Strategies

What Will We Do?

1. Build Real Web Applications

- ❖ "Dynamic"
- ❖ "Data-Backed"
- ❖ "User-Centric"

Books



What Will We Build?

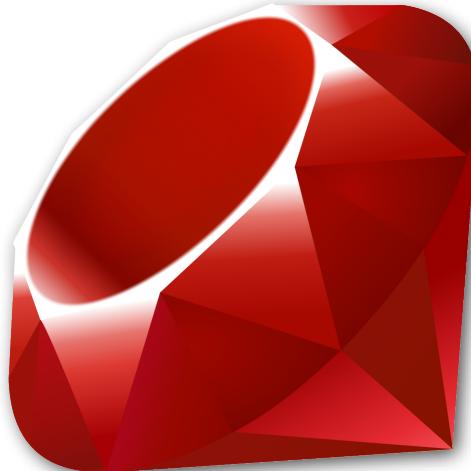
2. Web Services

- ❖ "API"
- ❖ JSON, XML, CSV,
- ❖ "REST"

x

How Will We Build This Stuff?

HTML



What Will We Do?

2. Management and Strategy

- ❖ Team Dynamics
- ❖ Hiring Practices
- ❖ Project Planning

What You'll Need

Ruby 2.0

Rails 3.2.13

Git

Grading

Homework (first 4 weeks)	40%
<hr/>	
Final Project (week 11)	60%

Homework Info

Announced Fridays by 5pm

Due the following Friday by 11:59pm

Prerequisites and Assumptions

Programming 101

Sequence of instructions

Expressions

Variables

Data Structures

Strings

Arrays

Hashes/Maps/Dictionaries

Methods (or functions)

Loops

x

OOP 101

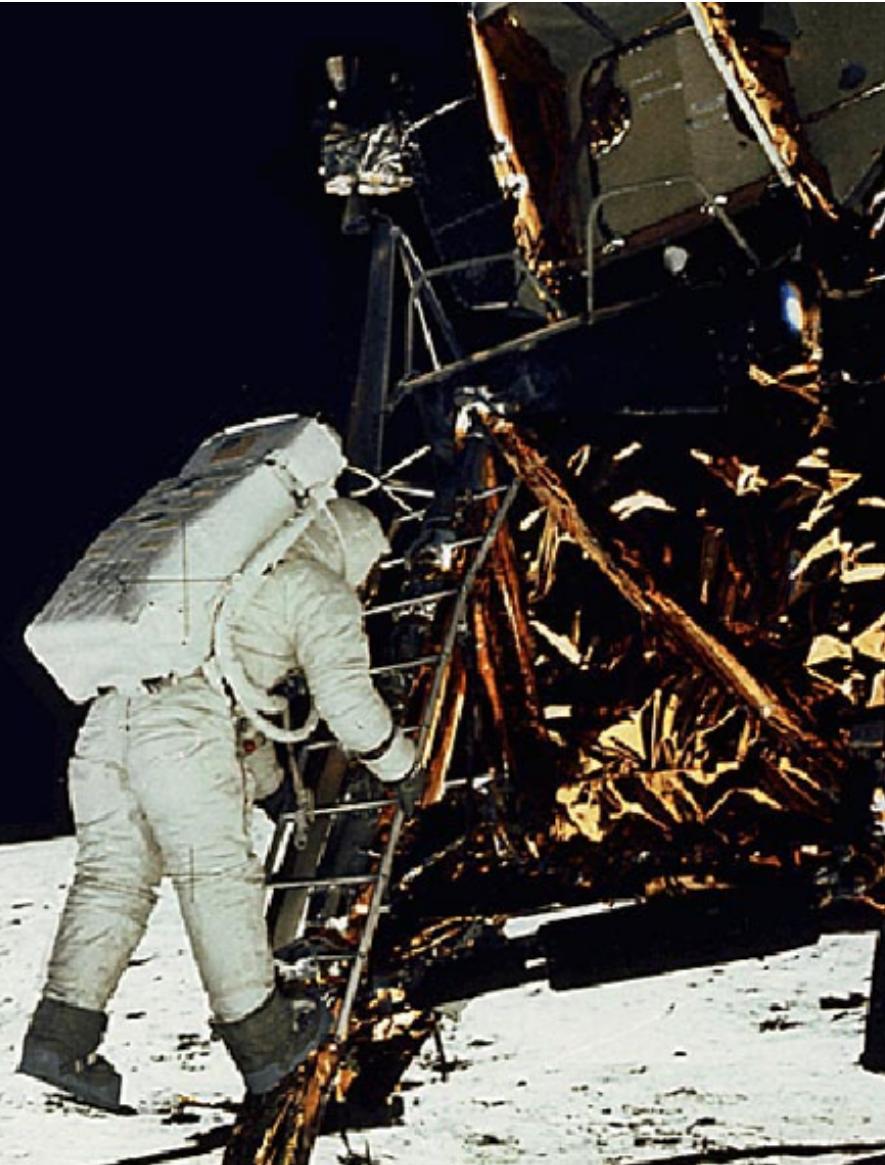
Class vs. Instance

Object state

Method calls

Class Inheritance

Do Not Memorize
Focus On Concepts
Ask Questions
Collaborate
Have Fun



Computer Programming

HTML

Instructions

html

head

body

h1

p

ul

li

a

img

Data

text