

# 八周课程

## 八周课表

- ▶ 前三周：新兵训练
- ▶ 后五周：真实战场

### Week 1-2

Intro to Computational Thinking  
User Story & Story Planning  
Essential Agile Development 程序员有效沟通协作  
Git 版本控制与使用 Git 进行协作  
Rails 装机与基本 API 实战  
Bootstrap 套版实战  
HTML / CSS / JavaScript 基本技巧  
Git Continuous Deployment  
Effective pair programming / code review / standup

### Week 3-4

Retrospective meeting / After Action Review  
Rails 进阶程序设计  
Better View / Helper  
Better Controller / Model  
Integration with 3rd party API

### Week 5-6

Rails 进阶程序设计  
Permission Design  
Integration Test with RSpec  
API design & Planning with RAML  
Billing System integration  
Multi-tenant Architecture

### Week 7-8

Rails 进阶程序设计  
Frontend Performance  
Backend Performance  
Security  
Product finalized skills  
Growth Hack - Landing Page design  
Growth Hack - Onboarding flow design

#### Week 1-2

Intro to Computational Thinking  
User Story & Story Planning  
Essential Agile Development  
Git 版本控制与使用 Git 进行协作  
Rails 装机与基本 API 实战  
Bootstrap 套版实战  
HTML / CSS / JavaScript 基本技巧  
Git Continuous Deployment  
Effective pair programming / code review

#### Week 3-4

Retrospective meeting  
Rails 进阶程序设计  
Better View  
Better Controller  
Better Model

#### Week 5-6

Rails 进阶程序设计  
Permission Design  
Integration Test with  
API design & Planning  
Billing System integration  
Multi-tenant Architecture

Product design  
From design to code  
Backend design  
Security  
Product final review  
Growth Hack - Onboarding flow design  
Growth Hack - Onboarding flow design

# 这是一般人能够理解的课表

实际上我们不这样做

## 八周课表

- ▶ 前三周：独立 project
- ▶ 后五周：协作 project

## 八周课表

- ▶ 前三周：有助教“选择性”答疑
- ▶ 后五周：没有助教答疑

到第三周结束...



- ▶ 至少两个实战项目
- ▶ 基本的项目管理能力
- ▶ 独立开始规划项目

# “自教”

这三周我们围绕的其实是...

- ▶ 传统培训课，太多“单向”“教学”
- ▶ 实际上要花时间培训的是“自教”与“互学”
- ▶ 贴近工作上真实场景

## 每天会怎么进行

- ▶ 早上，我会给大家讲课大约 1-2 小时 精要
- ▶ 下午就是编程时间...
- ▶ 教室运作至每日 19:00 。
- ▶ 到 18:00 时开始写笔记

## 每周怎么进行

- ▶ 我们每周只上四天
- ▶ 第五天让大家沉淀，这四天学到什么
  - ▶ 整理周笔记
  - ▶ 周间分享会