



Up and Running

Rapid development in Ruby

(Course Description)

Organised by:

Garag3

Supported by:



NUS Enterprise

Objective:

Get grounded in the basics of programming in Ruby and build actual projects. Participants will also learn how to build a Twitter and TinyURL Clone.

Participants will form teams of 2 or 3 to develop an application. Teams will get the opportunity to present to a group of start-up founders, mentors and investors at a networking event.

COURSE PERIOD:

Tuesdays and Thursdays
(17th August - 28th September)

Time: 7pm

Location: National University of Singapore

Some understanding of programming concepts ideal

Trainer Description:



Sau Sheong has been developing application software in various programming languages for more than 15 years.

He is currently the Director of the Applied Cloud Computing Lab in HP Labs Singapore. He was previously the CTO of Garena, a leading online game platform and also Director of Engineering for Yahoo! Southeast Asia.

Sau Sheong has published two books, the Ruby on Rails Web Mashup Projects and Cloning Internet Applications with Ruby.

He also helps grow the community through Founders Development Academy.

For more on Sau Sheong see www.saush.com

Course dates:

17 August (Tuesday) 7pm - 8pm	Introduction to Ruby
A quick introduction to object oriented programming in Ruby, installing Ruby, updating Ruby packages, etc.	
19 August (Thursday) 7pm - 8.30pm	Programming for the web
Drill down into programming specifics for the web, in particular web application programming, HTTP, MVC, various technologies.	
24 August (Tuesday) 7pm - 8.30pm	Web programming with Ruby I
26 August (Thursday) 7pm - 8.30pm	Web programming with Ruby II
An introduction to web programming with Sinatra and Ruby on Rails.	
7 September (Tuesday) 7pm - 8.30pm	Accessing databases with Ruby I
9 September (Thursday) 7pm - 8.30pm	Accessing databases with Ruby II
An introduction to object-relational mapping (ORM) libraries – DataMapper and Sequel. Practical: build a TinyURL clone.	
14 September (Tuesday) 7pm - 8.30pm	Mashups with Ruby I
16 September (Thursday) 7pm - 8.30pm	Mashups with Ruby II
How not to do everything yourself – an introduction to doing mashups with Ruby. Practical: build a Twitter clone.	
21 September (Tuesday) 7pm - 8.30pm	Deploying Ruby web applications
How to deploy web applications to servers or the cloud (Heroku).	
15 October (Friday) 7pm - 8.30pm	Project showcase, networking dinner.
Participants demo their projects, invited guests to join the session.	



Garag3, supported by NUS Enterprise, is the place for technologists, creatives and mad geniuses to come together and build businesses.

Here, startups and new businesses are central to an eco-system of resources including: funding, space for hacking new projects and access to mentors.

Have an idea? Come talk to us.

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