

# Rich Internet Applications: From AJAX to Flex

8 – 10 September 2008 (Mon – Wed)

40080537

## Nature and Objectives

Bring your web applications to life with rich user interfaces using AJAX, Javascript and Adobe Flex. From improving the display of content to providing full browser-based applications, RIA technologies allow web developers to better control the browser experience. Pioneered by Google, Yahoo!, Adobe and Microsoft and adopted by web sites around the world, rich internet applications represent the next generation of online services.

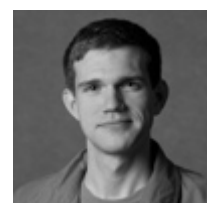


This workshop covers rich internet application design and development. At the heart of this technology lies JavaScript and ActionScript, both of which are thoroughly explored. Based on these languages, higher level features are provided by libraries, frameworks and tools. We thus investigate Ajax frameworks and Javascript effects libraries. The Adobe Flex toolset is taught and the new Adobe AIR introduced.

## Speakers

### Mr. Aaron Farr

J Aaron Farr is an entrepreneur and open source evangelist. He currently serves as a board member of the Apache Software Foundation, having contributed to the open source Apache Avalon, Excalibur, Incubator, and Labs projects. His prior professional experience includes developing software for Sony Electronics and Siemens Medical Systems.



### Mr. William Taysom

William Taysom is Chief Scientist and cofounder of JadeTower. He's just come to Hong Kong from Florida where he was a researcher for the Institute of Human and Machine Cognition. Winner of the 2007 outstanding paper award from the Association for the Advancement of Artificial Intelligence, his primary interests are programming languages and development environments. He has a Masters of Logic and Computation from Carnegie-Mellon University.



## Course Contents

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. ECMAScript Fundamentals            | 14. Flex Data Binding                |
| 2. JavaScript Fundamentals            | 15. Flex MXML                        |
| 3. ActionScript 3 Fundamentals        | 16. Custom Flex Components           |
| 4. AJAX design and patterns           | 17. Music and Video in Flash         |
| 5. Javascript frameworks including    | 18. Building standalone applications |
| 6. Prototype                          | 19. Creating "mash-up" applications  |
| 7. Scriptaculous                      | 20. Security measures                |
| 8. JQuery                             | 21. Performance                      |
| 9. XML, XPath, XSLT and JSON          | 22. Degradable websites              |
| 10. Calling web services with AJAX    | 23. Debugging techniques             |
| 11. Dynamic HTML with Scriptaculous   | 24. RIA Trends                       |
| 12. Flex Standard Development Toolkit | 25. Adobe AIR                        |
| 13. Flex Builder                      |                                      |

## Organised By:



Please circulate this leaflet to those who are interested



## Who Should Attend

This workshop is designed for web developers and designers. No specific server-side development experience is required, but attendees should have basic programming skills and familiarity with at least one programming language such as PHP, Visual Basic, Java, or Ruby. Attendees must be proficient with HTML, CSS and have a basic understanding of XML and Javascript.

## Date

8 – 10 September 2008 (Mon – Wed)

## Medium of Instruction

English

## Time

9:30am - 5:00pm

## Fee

HK\$5,600 per participant  
(HK\$5,040 for applicants who enrol on or before 18 August 2008)

## Duration

3 days

## Award of Certificate

A Certificate of Completion will be awarded to participants who have attended all sessions.

## Venue

1/F., HKPC Building, 78 Tat Chee Avenue, Kowloon  
Tong, Kowloon

## Application

To enrol, please complete the attached enrolment form and send it together with the appropriate fee to the Hong Kong Productivity Council at the following address:

Productivity Training Institute, 3/F., HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon

**(Attn.: ICT and Logistics Unit)**

As places are limited, admission will be accepted on a first-come-first-served basis.

**[All cheques should be crossed and made payable to the “Hong Kong Productivity Council”]**

## Enquiries

Please call Ms. Lo at (852) 2788-6266 or Ms. Kwok at (852) 2788-6271, fax (852) 2788-6260 or email: ait@hkpc.org. Website: <http://www.hkctrainingonline.com>



## Enrolment Form

(\*Please delete whichever inappropriate)

- Course / Seminar **Rich Internet Applications: From AJAX to Flex**  
Course Code **40080537** Fee **HK\$5,600 / \$5,040** Duration **8 – 10 September 2008 (Mon – Wed)**
  - Name **(Mr/Mrs/Ms\*)**  
Mobile/Pager \_\_\_\_\_ E-mail Address \_\_\_\_\_
  - Organisation \_\_\_\_\_ Position \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
Tel. (Day) \_\_\_\_\_ (Night) \_\_\_\_\_ Fax \_\_\_\_\_
  - Payment Method: Enclosed is my cheque of HK\$\_\_\_\_\_. Cheque No. \_\_\_\_\_ (The cheque has to be crossed and made payable to the “**Hong Kong Productivity Council**”). **\*\* For cheque payment, please send the cheque for the appropriate fee with this completed form to ICT & Logistics Unit, Productivity Training Institute, 3/F., Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue, Kowloon. For reservation only, please fax this completed form to (852) 27886260.**
- Signature \_\_\_\_\_ Date \_\_\_\_\_

### IMPORTANT:

- Course fee must accompany this form (or its photocopy), otherwise enrolment may be rejected.
- HKPC has adopted a Personal Data (Privacy) Policy. Information about the policy is available at HKPC enrolment counters for collection. You may also contact our Personal Data Controlling Officer for further details.
- Applicants are encouraged to pay by credit cards, EPS or cheques, if possible. Amount received will be imprinted. Cheques are subject to bank clearance.
- Enrolment fee is not refundable unless HKPC is notified in writing of your withdrawal at least 5 working days before the course commences. A handling charge of HK\$200 will also be levied.
- An applicant may, subject to approval from HKPC, nominate a person to attend the course on his/her behalf.
- HKPC reserves the right to change the contents, venue and / or time as necessary.
- Classes in the morning, afternoon or evening will be cancelled if typhoon signal No. 8 or above OR black rainstorm warning is still hoisted after (or is announced by the Hong Kong Observatory to be hoisted at/after) 6:00a.m., 11:00a.m. and 4:00p.m. respectively. Participants will be notified when the class will be made up as soon as possible.

*If you do not wish to receive such messages from us, please call Ms. Lo at 2788-6266 or Ms. Kwok at 2788-6271, so that we can stop sending you our messages in future.*