Biography

Joseph Yee

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Technical Account Manager
Afilias
July 2012 – Present (2 years 11 months)Toronto, Canada Area
Afilias managed many top level domains registry services like .ORG, .INFO, .MOBI, .ME, .ASIA and I am the account manager for some and many new ones to be emerged from ICANN's new TLD program.
I am also involve in product management & development at Afilias. IDN Email is my passion (See details below at IETF and Afilias). I love technologies, make (& break) things, gain knowledge from various perspectives.

Applications Area Directorate Member
IETF
March 2010 – Present (5 years 3 months)
The IETF Applications Area Directorate provides support to the Area Directors for the IETF Applications Area and is tasked to:

- perform document reviews as requested by the Application Area Directors
- perform early document reviews as requested by the Working Group Chairs
- identify work in other IETF Areas that have an impact on or are similar to technologies produced in the Applications Area
- make sure that technologies developed in the Applications Area or about which Application Area participants have expertise (URIs/IRIs, MIME, XML, IDNA, Stringprep, etc.) are used appropriately in other areas.
- determine the impact on Applications Area work on technologies produced in other areas (DNS, TLS, SASL, etc.).
- sort out layering issues and preserve a clear division of responsibilities among various application protocols.
- maintain high standards of application-layer security, ensure close attention to issues of internationalization and localization, etc.

Co-chair of EAI (Email Address Internationalization)
IETF
May 2010 – March 2013 (2 years 11 months)
EAI is about enabling email address (both username part and domain name part) and exchange with UTF-8 encoding beyond the ASCII only limitation.

The working group produced new email standard: RFC6530, RFC6531, RFC6532, RFC6533, RFC6783, RFC6855, RFC6856, RFC6857, RFC6858

Senior IDN Developer
Afilias
March 2007 – June 2012 (5 years 4 months)Toronto, Canada Area
Focused on R&D, prototyping, and developing new products. We developed email system based on the new email standard from IETF that allows email address to use characters beyond ASCII set. So that one can express their identity (in their preferred language/script) in their email address.
The interactions between mail protocols, Unicode, International Domain Name (IDN), DNS, UI, UX makes this a fun and challenging project.
Developer
KnowledgeWorx
March 2004 – October 2006 (2 years 8 months)

Developer [Co-op]
Citigroup
1999 – 2000 (1 year)