**Topic:**

Simplified Web UI Development

**Contact Information:**

**Name: Patrick Chevalier & Xin Liu**

**Location: Montreal & Toronto**

**Division & Team:** **M&E – Cloud Services – Core Team**

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**Speaker/Exhibitor Biography:**

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| Patrick Chevalier previously worked at Borden Ladner Gervais LLP as a web developer where he created and upgraded Web oriented applications such as financial modules and documents libraries. He previously worked at Geomap GIS America where he developed geomatic applications for companies, municipalities and governments. He also previously worked as a consultant and technical advisor for multiple companies.  He is an experienced web oriented developer and UI designer. He works in the M&E Cloud Service Core Team, building Web Services and Tools that are the building blocks of M&E Cloud Service Web Application.  Xin Liu… |

**Proposal Abstract:**

What is the focus of your presentation/Exhibit? Please provide a description.

The focus of the presentation is to explain and demonstrate how you can simplify the development of web interfaces by using tools, frameworks, templates and a bit of imagination.

**Intended Audience & Prerequisites:**

Who are the intended audience and what are the prerequisites for the audience?

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| Any programmer interested in implementing UI in web applications. Knowledge of javascript is a nice to have. |

**Presentation outline:**

How do you want to organize your presentation? Please provide an outline.

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| 1. Introduction    1. Web    2. AJAX    3. Responsiveness    4. Cloud 2. Building blocks of a web UI    1. Browsers    2. HTML    3. CSS    4. Javascript    5. Server-side and Database?       1. We use Node.js / MongoDb?       2. Mention Apache, IIS, etc…? 3. Tools, libraries and frameworks    1. Text editors       1. Webstorm, Visual Studio, etc…       2. Notepad++    2. Browsers       1. Differences       2. Cross-browser compatibility       3. Modernizr    3. UI       1. Styling : Bootstrap & plugins       2. CSS Generators       3. LESS?       4. Templating : Mustache & Handlebars    4. Javascript       1. jQuery & plugins       2. Backbone & Marionette       3. async       4. underscore 4. Debugging    1. Javascript    2. CSS    3. Network   http://www.infoworld.com/slideshow/119849/bossie-awards-2013-the-best-open-source-application-development-tools-226977#slide5 |

**Additional materials:**

If you have any screenshots, diagrams which illustrate this topic better, you can paste them here. You can also provide links to other materials.