

John Etherton

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Objective: Looking for a fulltime software development or project management position in the Denver area

Education

2006 – 2007 Georgia Institute of Technology Atlanta, GA
Master's of Science in Computer Science

- Cumulative GPA 3.92

2001 – 2005 Georgia Institute of Technology Atlanta, GA
Bachelor's of Science in Computer Science

- Cumulative GPA 3.85, Major GPA 3.80 (Highest Honors)

Experience

May 2010 – Current Ushahidi Liberia Monrovia, Liberia
Consultant Technical Support Manager

- Configured and customized instances of the Ushahidi platform as needed for local partners
- Trained local partners on the operation of the Ushahidi platform
- Contributed towards the general maintenance and updates of the Ushahidi platform
- Worked with NGOs and government agencies to promote the Ushahidi platform in Liberia

November 2008 – March 2010 Clinton HIV/AIDS Initiative (CHAI) Monrovia, Liberia
Consultant Implementation of PDAs in health facility accreditation process

- Selected personal digital assistants (PDAs) and survey software to be used in accreditation of over 600 health care facilities across Liberia
- Set up and deployed PDAs, survey software
- Set up server in country to allow real time data feedback from devices in the field
- Programmed a database driven web based reporting tool that interfaced directly with the survey software to allow CHAI/Ministry of Health staff to automate the reporting process

January 2008 – September 2009 Georgia Tech Monrovia, Liberia
Project Manager Sam Nunn School of International Affairs

- Worked in country to facilitate Georgia Tech's research projects in Liberia
- Trained Truth and Reconciliation Commission (TRC) of Liberia staff to use the TRC's website made by Georgia Tech, oversaw its use, and designed and implemented new features and functionality as required
- Conducted q-sort mobile phone surveys
- Deployed, ran, and helped develop the MOBILE Story Exchange System (MOSES), a mobile interactive computer system for reaching Liberians in the rural areas of Liberia
- Oversaw office operations and two Liberian research assistants carrying out surveys in the field

Fall 2008 Busy Lab Accra, Ghana
Consultant eSoko Project

- Consulted in the redesign of the eSoko trade information system
- Worked on a team to select the implementing technologies for the system
- Assisted in the design of the system architecture and generated subsequent documentation

Summer 2006 Microsoft Redmond, WA
Software Developer Mobile and Embedded Devices Group

- Developed a server side solution for remote provisioning of Internet Explorer favorites on a mobile device
- Created a plugin to display RSS feeds on a Smartphone home screen

2002 – 2006

Georgia Tech Research Institute

Atlanta, GA

Software Developer

- Received award for outstanding employee contribution in implementing a graphical editor for a military scenario simulator
- Designed a multi-threaded diagnostic message viewer, a core element in an aircraft diagnostic suite
- Entrusted to redesign the user interfaces of several programs because of creativity shown in previous projects
- Held a security clearance

Publications

- Best, M. L., Etherton, J., Smyth, T. N., & Wornyo, E. (2009). *Uses of mobile phones in post-conflict Liberia*. In Proceedings of the 3rd International Conference on Information and Communication Technologies and Development (ICTD '09). Doha, Qatar.
- Michael L. Best, Thomas N. Smyth, Daniel Serrano-Baquero, John Etherton. *Designing for and with Diaspora: A Case Study of Work for the Truth and Reconciliation Commission of Liberia*. In Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI '09), Boston, Massachusetts, USA, April 4-9, 2009.
- J. Etherton, R. Clark, M. Sanders, *WhereAmI: A Real World Testbed for Location Services*. Proceedings of the 3rd IEEE Workshop on Advanced Experimental Activities on Wireless Networks and Systems (EXPONWIRELESS), June 23, 2008, Newport Beach, CA, USA.

Awards

May 2007

**Georgia Tech IMS Research Competition
Georgia Tech - Atlanta, GA**

Winner Business Category

- Worked on a team that created an IP Multimedia Subsystem (IMS) based application for asset tracking targeted at small to medium sized businesses
- Used IMS enabled mobile devices as a distributed sensor network to integrate asset management into the physical exchange of assets, eliminating the need for dedicated asset tracking staff and hardware
- Competition sponsored by at&t and Nokia Siemens Networks

Skills

- Created multi-threaded and networked applications with custom UIs and graphics in multiple object oriented programming languages
- 7 years of experience developing applications with Microsoft Visual Studio and related languages (C#, C++)
- Extensive experience with Java and Python
- Worked with and customized various CMS technologies such as Plone, WordPress, and MediaWiki
- Developed custom web site solutions using PHP, javascript, ASP .net, and Python
- Experienced in developing on mobile devices, Windows Mobile – C#, C++, Nokia Series 60 – PyS60, J2ME
- Developed database driven applications and websites with MySQL, MSSQL, and JDBC
- Familiar with FrontlineSMS and developing SMS based applications