

MATTHEW L. BERG

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PROFESSIONAL EXPERIENCE

Ona

October 2013-Present

Co-Founder and Chief Executive Officer

Nairobi & NYC

- Co-Founder of a software engineering and design firm that develops open source tools to help organizations make smarter use of data to address important global challenges.

The Earth Institute at Columbia University

July 2007-September 2013

ICT Director for the Modi Research Group & Millennium Villages Project

New York, NY

- Implement and provide strategic oversight of the Information & Communication Technology (ICT) sector for the Earth Institute.
- Led NYC and field based engineering team consisting of African regional and site based programming and technical staff
- Technical lead of the development of the Smart Registry platform for the NRHM in Karnataka, India.
- Led design and development of open source mobile data collection platform Formhub
- Design, develop and implement innovative mobile platforms including ChildCount+ - a mHealth platform that uses SMS text messages to monitor the health of women and children
- Development of a national scale SMS based clinic based monitoring system in Uganda
- Coordinate with field staff to design and implement ICT interventions in the Millennium Villages including the establishment of community radios, wifi-networks, school computer labs, medical record systems in clinics, ICT kiosks, phone charging booths and mobile phone application pilots

IESC Geekcorps Mali

October 2005-July 2007

Country Director

Bamako, Mali

- Chief of Party for a \$2.6 million dollar USAID Mali Communications for Development and Last Mile Initiative grant program
- Management of program office in French with 13 local staff and volunteer program with 10 international volunteers
- Implemented and developed appropriate technology solutions: LTSP Linux thin clients and multi-terminal computers, asynchronous Internet via USB key, low-power Geekcorps Desert PC, video-over-Wi-Fi CanTV, bandwidth limiting RGBAN remote networking system, Wikipedia CD, Solar/LED lighting systems and low-cost solar FM Transmitter and studio

IESC Geekcorps & Digital Freedom Initiative in Senegal

May-August 2005

Geekcorps Volunteer

Chicago, IL

- Developed/implemented a web/paper based accounting system for African merchants and women groups (www.baolbaol.com)

Inspired, Inc – Web Development Firm

2003-2005

Co-founder

Chicago, IL

- Provided web programming and design and database development services for non-profits in the Chicago

Meritum Corporation – Internet Startup

2002-2003

Chief Technology Officer

Chicago, IL

- Oversaw the system design, programming, and billing support for a web-system built on open source standards that created a turnkey solution that allowed clients to sell self-replicating websites to over 20,000 paying members

Infocast Community – ISP & Internet Services Startup**2000-2002***Director of Creative Services*

Tucson, AZ

- Managed creative service team: 5 programmers, 2 designers and 2 support staff
- Oversaw the system design, programming, and billing support for a web-systems built on open source standards

EDUCATION**Thunderbird, School of International Management***MBA in International Management, GPA 3.80***Spring 2005**

Glendale, AZ

- Ambassador Assistantship (1/3 tuition)
- Beta Gamma Sigma Business Honor Society
- Universidad Autnoma de Guadalajara Thunderbird Program (Guadalajara, Mexico, Summer 2004)

Knox College*Bachelor of Science Computer Science & Bachelor of Arts Integrated International Studies***Spring 2000**

Galesburg, IL

- Lincoln Scholar (full tuition)
- Honors Dissertation: The State of Computer Education in Zimbabwe
- University of Zimbabwe: 8 month academic and cultural exchange (Harare, Zimbabwe, 1999)

AWARDS & HONORS

- 2010 Time 100 List of the World's Most Influential People
- 2010 PopTech Social Innovation Fellow
- 2010 Knox College Young Alumni Award
- 2006 Tech Museum Award Laureate

Publications

- Caroline Asiimwe, David Gelvin, Evan Lee, Yanis Ben Amor, Ebony Quinto, Charles Katureebe, Lakshmi Sundaram, David Bell, and Matt Berg. "Use of an Innovative, Affordable, and Open-Source Short Message ServiceBased Tool to Monitor Malaria in Remote Areas of Uganda". The American Journal of Tropical Medicine and Hygiene. 2011 July 1; 85(1): 2633.
- Matt Berg. "Components of SMS Based Data Collection and Service Delivery". White paper, unpublished.

Activities

- Thunderbird Global Council Member (2012-Present)
- WHO mHealth Technical Advisory Group (mTag) (2012-Present)

LANGUAGES

English (Native), French (Fluent), Spanish (Basic)

GEOGRAPHIC WORK EXPERIENCE

Ethiopia, Ghana, India, Kenya, Malawi, Mali, Nigeria, Rwanda, South Africa, Tanzania, Uganda, Rwanda, Zimbabwe