

MATTHEW L. BERG

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PROFESSIONAL EXPERIENCE

The Earth Institute at Columbia University
ICT Director for the Millennium Villages Project

July 2007-Present
New York, NY

Implement and provide strategic oversight of the Information & Communication Technology (ICT) sector for the Earth Institute.

Project design, implementation and management:

- Manage and NYC and field based ICT engineering team consisting of regional and site based programming and technical staff
- 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
- 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

ICT research & policy work:

- Provide technical oversight of ICT interventions using field proven methodologies and evidence-based scientific methods
- Research and publish technical guides on ICT best practices
- Coordinate efforts to strengthen commitment for ICT at the community, local and national government levels

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)

Inspidered, 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)
- KickStart internship: helped create funding proposal for establishing a pilot microfinance program in Kenya

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)

TECHNICAL SKILLS

PHP, Python, Perl, Django, Linux, MySQL, Oracle, @Risk, SPSS, HTML/CSS, AJAX

LANGUAGES

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

GEOGRAPHIC WORK EXPERIENCE

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