MATTHEW L. BERG

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PROFESSIONAL EXPERIENCE

Ona   **October 2013-Present**
Co-Founder and Chief Executive Officer   Nairobi, KE & Burlington, VT
- Co-Founder of a Kenyan / US social enterprise that develops technology solutions to help organizations make smarter use of data to address important global challenges.
- Grew bootstrapped business to over $6M+ USD in annual revenue deliverying over $30M USD in projects supporting global development partners.
- Built and oversee a globally distributed team (50+ in Kenya) spanning 6 countries and 4 continents fostering an inclusive culture that leverages diverse perspectives to drive innovation
- Contributed to the creation and development of OpenSRP, Reveal and Open Health Stack as digital global goods.
- Led development of Ona Data and Akuko SAAS products that have been used to provide critical data collection and analysis services to 1000's of organizations globally including key UN organizations.
- Helped lead design, development and implementation of digital health solutions in over a dozen countries serving over 90M+ clients.
- Led Ona to be recognized by Time Magazine as one of the 50 Most Genius Companies of 2018 for pioneering work in leveraging data and technology to address global health challenges.
- Served as key advisor on multiple WHO technical working groups, helping establish WHO SMART Guidelines technical framework, while championing adoption of HL7 FHIR standards across global digital health initiatives.

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   Dakar, Senegal
- 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 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**
- Ambassador Scholar   Glendale, AZ
- Beta Gamma Sigma Business Honor Society
- Universidad Autónoma de Guadalajara Thunderbird Program (Guadalajara, Mexico, Summer 2004)

Knox College
Bachelor of Science Computer Science & Bachelor of Arts Integrated International Studies   **Spring 2000**
- Lincoln Scholar (full tuition)   Galesburg, IL
- Honors Dissertation: The State of Computer Education in Zimbabwe
- University of Zimbabwe: 8 month academic and cultural exchange (Harare, Zimbabwe, 1999)

AWARDS & HONORS
- 2018 Time Magazine 50 Genius Companies
- 2015 Knox College Honary Doctorate in Humanities
- 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
- Garrett L Mehl, Martin G Seneviratne, Matt L Berg, Suhel Bidani, Rebecca L Distler, Marelize Gorgens, Karin E Kallander, Alain B Labrique, Mark S Landry, Carl Leitner, Peter B Lubell-Doughtie, Alvin D Marcelo, Yossi Matias, Jennifer Nelson, Von Nguyen, Jean Philbert Nsengimana, Maeghan Orton, Daniel R Otzoy Garcia, Daniel R Oyaole, Natschja Ratanaprayul, Susann Roth, Merrick P Schaefer, Dykki Settle, Jing Tang, Barakissa Tien-Wahser, Steven Wanyee, Fred Hersch. "A full-STAC remedy for global digital health transformation: open standards, technologies, architectures and content". Oxford Open Digital Health, Volume 1, 2023.
- Nandini Oomman, Garrett Mehl, Matt Berg, Rachel Silverman. "Modernising vital registration systems: why now?" The Lancet, Volume 381, Issue 9875, 2013, Pages 1336-1337.
- Berg, Matt, et al. "Cellular citizenship: invigorating development through mobile." Harvard International Review, vol. 34, no. 3, winter 2013, pp. 28+

- 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 Service–Based Tool to Monitor Malaria in Remote Areas of Uganda". The American Journal of Tropical Medicine and Hygiene. 2011 July 1; 85(1): 26–33.

Activities
- Thunderbird Global Council Member (2012-2014)
- WHO mHealth Technical Advisory Group (mTag) (2012-2014)

LANGUAGES

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

GEOGRAPHIC WORK EXPERIENCE

Afghanistan, Bangladesh, Ethiopia, Ghana, India, Indonesia, Kenya, Libya, Mauritania, Malawi, Mali, Mexico, Nigeria, Rwanda, Senegal, Somalia, South Africa, Tanzania, Uganda, Rwanda, Sri Lanka, Viet Nam, Zambia, Zimbabwe