

Andrew Sears

Executive Director at TechMission

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Summary

Executive Director of TechMission where I serve as a visionary in using technology to serve the poor through Christian nonprofits.

Experience

President at City Vision College

January 2008 - Present (5 years 11 months)

- Managed acquisition of Rescue College from AGRM to become City Vision College, a program of TechMission, Inc.
- Helped college enrollment grow by an average of 50% for its first 3 years within TechMission
- Oversaw curriculum development of new courses
- Developed assessment plan and served as chief compliance officer for accreditation

Executive Director and Co-Founder at TechMission

2000 - Present (13 years)

- Co-founded nonprofit to use technology to serve the poor in Jesus name and recruited team that have helped it grow to have to have 15+ staff and 100 full-time interns
- Established the Association of Christian Community Computer Centers (AC4) to address digital divide that provided training on best practices of curriculum development to over 500 computer centers
- Organized and lead two national conference with 20+ workshops with over 100 Christian leaders in using technology to serve the poor
- Developed strategy and architected ChristianVolunteering.org and other websites that became the 3rd most visited Web portal of Christians serving the poor serving 2 million+ visitors focused on helping faith-based nonprofits serve the poor
- Established TechMission Corps AmeriCorps program providing 80 full-time AmeriCorps members at over 50 sites providing educational support aligned with US Department of Education frameworks
- Managed \$500,000 US Department of Education grant providing computer training for at-risk youth
- Developed \$1.8 million training program with US Department of Justice to protect children online and prevent online addiction
- Architected and edited open source library of over 100,000 pages of curriculum and resources for Christians serving the poor on UrbanMinistry.org and CityVision.edu.
- Architected development of the Christian Social Graph, which is an open source directory of over 300,000 Christian ministries, 10,000 Christian and faith-friendly foundations, 10,000 Christian volunteer opportunities and 15,000 Christian jobs.

Founder, Director at PREP Community Computer Center of Bruce Wall Ministries

1998 - 2002 (4 years)

- Co-founded nonprofit ministry program focused on addressing the digital divide providing computer training
- Developed curriculum and supervised curriculum development for 20+ courses focused on computer skills for workforce development including A+ Certification and Microsoft Certification
- Grew program to have 20+ instructors serving over 1,000 students

Internet Product Architecture Consultant at Sprint

1997 - 2002 (5 years)

- Worked with IP Telephony Group to develop initial strategy for Sprint toward IP telephony
- Helped to develop initial technical scope and high-level design for new broadband Internet projects

Internet Product Architecture Consultant at Saint Paul Venture Capital

1998 - 2000 (2 years)

- Served as a consultant to St. Paul Venture Capital to assist with due diligence for investment in IP Telephony companies
- Worked with a number of start-ups to provide feedback on their initial strategy and product design including: Octave Communication, Pingtel and Aravox

Co-Founder at IP Fusion

1997 - 1998 (1 year)

- Co-founded company to provide reporting for IP services; MIT \$50k Business Plan Finalist ("Internet Telephony Company" 1996)
- Provided reporting for Sprint's Callalternatives, prepaid card IP telephony trial

Co-Founder Internet Telephony Consortium at MIT

1995 - 1997 (2 years)

- Co-founded the Internet Telephony Consortium at MIT (<http://itel.mit.edu>) with David Clark and Lee McKnight, which was an interdisciplinary research group focused on the social, business and technology changes brought by the Internet.
- Wrote the initial proposal for consortium and recruited Lee McKnight and David Clark to lead the consortium. ITC had 15+ member companies and was funded at over \$1 million annually
- Published and presented about a dozen presentations & papers at industry conferences across the world

Education

Bakke Graduate University

Doctor of Transformational Leadership, Science, Technology and Ministry, 2012 - 2014

Massachusetts Institute of Technology

SMEE, SMTTP, Computer Science & Technology and Policy, 1995 - 1997

Activities and Societies: Co-founded the Internet Telephony Consortium

University of Missouri-Rolla

BSEE, Electrical Engineering, 1991 - 1995

Activities and Societies: Student Council President, Sigma Chi, Toastmasters, Sigma Xi

Honors and Awards

Selected as the Top Electrical Engineering Student in the USA (two years in a row)

Eta Kappa Nu (International Electrical Engineering Honor Society)

1995

Rhodes Scholar Finalist

1995

Academic All American Team

USA Today

1995

Valedictorian

University of Missouri Rolla

1995

Created the Internet Headquarters on the Presidential Primary, the first Web site of its kind. Featured in the New York Times on BBC radio and dozens of other newspapers and magazines

1995

Listed in Who's Who in America

Publications

Marketplace Ministry & Vocation for STEM & Tech Professionals

Chinese Bible Church of Greater Boston October 2013

Authors: Andrew Sears

Served as keynote speaker and workshop presenter for a church retreat on marketplace ministry at the Chinese Bible Church of Greater Boston

Christian Social Graph

TechMission 2013

Authors: Andrew Sears

Architected and lead development of an open source directory of over 300,000 Christian ministries, 10,000 Christian and faith-friendly foundations, 10,000 Christian volunteer opportunities and 15,000 Christian jobs that is being sent to over 20 organizations to use in their websites.

The Tech Poverty Fighter

Christianity Today May 7, 2013

Authors: Andrew Sears, Eileen O'Gorman

Featured in article by Christianity Today in their This is Our City initiative that tells the story of TechMission and explains how we use technology to help the poor. (Was featured in this article, but was not the author.)

Using Location-Based Data, Christian APIs and the Christian Social Graph API

International Conference on Computing in Missions July 2012

Authors: Andrew Sears

Presented workshop on how to use Location-Based Data, Christian APIs and the Christian Social Graph API for ministries. <http://www.iccm.org/pmwiki.php?n=Y2012.CurrentConference>

Urban Youth Ministry Training Toolkit and Curriculum Manual

TechMission 2011

Authors: Andrew Sears

Edited a collection of urban youth ministry curriculum contributed by 60+ interns from 30+ ministries containing thousands of pages of curriculum and resources. Other sections beyond the curriculum were supervised and provided by other ministries.

The New Digital Divide: Online Segregation

Sojourners January 2009

Authors: Andrew Sears

Nonprofit and Volunteer Management Wiki Encyclopedia

TechMission 2009

Authors: Andrew Sears

Served as primary author and editor of a Nonprofit and Volunteer Management Wiki Encyclopedia with articles being contributed by many other authors.

How Google and Social Entrepreneurs Perpetuate the Digital Divide Among Nonprofits

UrbanMinistry.org 2009

Authors: Andrew Sears

Wrote blog article challenging Google's discrimination against all faith-based organizations in their grants program. The article was featured in Chronicle of Philanthropy at: <http://philanthropy.com/blogs/giveandtake/nonprofit-leader-questions-google-ad-program/10230>
Google later changed their policy to allow faith-based organizations.

Encyclopedia of Christian Community Technology

City Vision College 2008

Authors: Andrew Sears

Served as editor of 1,000 page creative commons library of resources on Christian community technology.
Served as author of many articles and had many articles contributed by other authors and sources.

Reconciliation Across Social Class

UrbanMinistry.org 2007

Authors: Andrew Sears

Generations of Kingdom Ministry: Responding to 5 Trends to Bridge Generational Shifts

Association of Gospel Rescue Missions Conference 2007

Authors: Andrew Sears

Talk to explain how to bridge generational and technology gaps.

Ethnic Identity Development Process for Christians

UrbanMinistry.org 2006

Authors: Andrew Sears

Technology Transforming Vulnerable Communities

Urbana Conference on Missions December 2006

Authors: Andrew Sears

Presented workshop on how Christians can use technology to serve the poor at Urbana conference, which is the largest missions conference in the world.

Online Safety and Media Sobriety Manual for Parents, Pastors, and Ministry Leaders

TechMission 2006

Authors: Andrew Sears

Served as primary author of 59 page manual Online Safety and Media Sobriety Manual for Parents, Pastors, and Ministry Leaders that was distributed to over 10,000 ministries.

TechMission Computer Curriculum Digital Divide Training Manual

TechMission 2006

Authors: Andrew Sears

Served as editor for Computer Curriculum Training Manual with 1,000+ pages of content for Christian Computer Centers to use in training on the digital divide. Individual areas of curriculum were developed by myself and by volunteers.

A Framework for Social Healing

UrbanMinistry.org 2005

Authors: Andrew Sears

Christian Community Technology Capacity Building and Curriculum Manual

TechMission 2005

Authors: Andrew Sears

A 40 page manual providing a toolkit for ministries to start and maintain a Christian community computer center to address the digital divide that was distributed to over 1,000 ministries.

Technology, Evangelism and Urban Missions

Liberty University Media Missions Conference 2005

Authors: Andrew Sears

Association of Christian Community Computer Centers Digital Divide Conference: Atlanta

TechMission 2004

Authors: Andrew Sears

Organizer of national conference with 20+ speakers and 100 Christian leaders on how to use technology to serve the poor, address the digital divide and to do community development.

Association of Christian Community Computer Centers Digital Divide Conference: New Orleans
TechMission 2003

Authors: Andrew Sears

Organizer of national conference with 20+ speakers and 100 Christian leaders on how to use technology to serve the poor, address the digital divide and to do community development.

Using Technology Programs in Community Development

Christian Community Development Association Conference 2002

Authors: Andrew Sears

Presented workshop to provide toolkit for ministries to develop community technology programs

Directory Services for Internet Telephony: Creating a Spanning Layer over the Internet and Telephone Networks.

MIT Master's Thesis 1997

Authors: Andrew Sears

A Scalable Directory Schema in LDAP for Integrated Conferencing Services

Internet Society INET Conference 1997

Authors: Andrew Sears

Economics of Residential Internet Access in the USA Strategic and Regulatory Implications

Internet Society INET 1997

Authors: Andrew Sears

A Cost Model for Regulatory Decision Making

Submitted to Federal Communications Commission Call for Comments on Regulating Internet Telephony May 7, 1996

Authors: Andrew Sears, Don O'Sullivan, Phil Mutooni

A Multimedia Manual on the Internet for Telecommunications Equipment

IEEE Transactions on Education August 1996

Authors: Andrew Sears, Steve E Watkins

One of the first papers written on using the Internet for remote access to lab equipment.

Volunteer Experience

Community Outreach Coordinator at Vineyard Christian Fellowship of Cambridge

1998 - 2001 (3 years)

Summer Intern at Cape Town City Mission

June 1993 - July 1993 (2 months)

Worked with local project to help street children in Cape Town; activities included going out on the streets to feed and build relationships with homeless children and then take them to a shelter where they could receive care

Summer Staff at City Union Mission

June 1992 - August 1992 (3 months)

worked with inner-city children at shelter for homeless in Kansas City; helped with activities and camps for inner-city children during the day and lived among men in a rehabilitation program at night

Interests

digital divide, urban ministry, volunteering, technology, Christian, youth ministry, global issues, addressing poverty

Skills & Expertise

Fundraising

Marketing

Technology Architecture

Nonprofit Technology

Non-profits

Public Speaking

Leadership Development

Grant Writing

Strategic Planning

Social Media

Proposal Writing

Community Outreach

Team Building

Strategic Partnerships

Volunteer Management

Teaching

Entrepreneurship

Organizational Development

Program Management

Blogging

Project Management

Editing

Grants

Management

Business Planning

Start-ups

Strategy

Telecommunications

Program Development

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