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Summary

My work combines a research-driven understanding of social media with successful consumer technology product design. While completing my Ph.D., I independently developed Freedom, Anti-Social, and ClaimID, three simple products that have drawn hundreds of thousands of users and now occupy a space in the market that previously didn't exist. I would like to continue to apply my research, design, and management skills to developing useful social technologies that improve peoples lives.

Education

University of North Carolina at Chapel Hill

Ph.D. in Information Science, 2005–2011

Concentration: Social media, human-computer interaction, search interfaces, privacy

The Odum Institute for Research in Social Science

Graduate Certificate in Survey Methodology, 2008–2010

Concentration: Advanced quantitative data collection and analysis

University of North Carolina at Chapel Hill

B.A. in Economics, 1996–2000

Experience

University of North Carolina at Chapel Hill

Visiting Professor, 2012–Present, Chapel Hill, NC; <http://sils.unc.edu>

- Teach two courses per semester on privacy and social media, supervise masters students.

Carnegie Mellon University

Postdoctoral Fellow, 2011–2012, Pittsburgh, PA; <http://cmu.edu>

- Conduct quantitative research on the economic and design implications of privacy in social media.
- Manage software design projects, overseeing 5 masters-level technical research assistants.

Eighty Percent Solutions Corporation

Founder and President, 2011–Present, Chapel Hill, NC; <http://80pct.com>

- Conceived of, developed, and marketed the productivity software Freedom and Anti-Social.
- Drew leading media coverage from the New York Times, Economist, National Public Radio, etc.
- Grew company to six-figure revenue within one year.

Independent Consulting

Technical Consultant, 2004–Present; Research Consultant, 2010–Present

- Worked to help clients improve consumer-facing technology, engage audiences through social media, and conduct original research and evaluation.

University of North Carolina at Chapel Hill

Research Assistant, 2005–2007, 2011; Teaching Fellow 2007–2010, Chapel Hill, NC; <http://unc.edu>

- Managed 8-person Lifetime Library project, coordinating technical development and evaluation.
- Built large-scale social media corpora for the evaluation of systems for information retrieval.
- Conducted research on social media, publishing in computing and information science venues.

ClaimID

Co-Founder and President, 2006–2011, Chapel Hill, NC; <http://claimid.com>

- Conceived of, and co-developed ClaimID, one of the first social-web identity management services.
- Drew media coverage from outlets including USA Today, Business Week, Reuters, etc.
- Grew site to over 125,000 active users, received and declined two formal acquisition offers.

Ibiblio.org (formerly SunSITE, Metalab)

Director of Technology, Programmer, 2001–2005, Chapel Hill, NC; <http://ibiblio.org>

- Responsible for development and management of software and systems.
- Managed a staff of, on average, 8 masters-level technical research assistants.
- Conceived of and developed novel systems (e.g., Lyceum) with grant support.

The Motley Fool

Programmer, 2000–2001, Alexandria, VA; <http://fool.com>

- Developed infrastructure automation tools, and managed infrastructure expansion projects.

Nortel Networks

Co-op, 1998–2000, Research Triangle Park, NC; <http://nortel.com>

- Completed co-op rotations in software development, software testing, and business development.

Skills

Technical Skills

In my work, I build systems and manage small to medium-size technical teams that build systems. I have developed server- and client-side applications across a range of languages, operating systems, and devices. The following skills reflect core competencies.

- Programming Languages: Perl, Python, Objective-C, Java, PHP, .Net
- Databases and Tools: MySQL, PostgreSQL, SVN, Git, Amazon Cloud
- Operating systems programming and administration: Fedora, Solaris, OS X, Windows

Research Skills

I have extensive training and experience in research, both quantitative and qualitative. I have experience working with data large (e.g., social networks) and small (interview and user studies). In my academic work I have won three best paper awards, and published over twenty journal, conference, or workshop papers.

- Specialization: Analysis of survey data, scale development, complex sampling frames (e.g. multi-level analysis), structural equation modeling, large-scale data analysis (using high-performance computing), user testing and focus groups.
- Training: 32 graduate-level hours of quantitative research methods training, primarily taken within a quantitative sociology department. An additional 40 hours of short-course training in specialized research methods taken through the Research Triangle Institute (RTI).
- Tools: R, Stata, SAS, MPlus, Pajek, Atlas.Ti

Communication Skills

As an academic and entrepreneur, I have extensive training and experience with translating complex concepts into information that is useful for a wide range of audiences.

- Media: Extensive media experience (>200 citations). Comfortable with live interviews.
- Presentations: Extensive experience presenting to both industry and academic audiences (>60 presentations). Comfortable as panelist or keynote.
- Writing: From 2004–2011 I maintained a highly-regarded weblog about social computing that drew diverse readership (>2500 subscribers; <http://fstutzman.com>).