Andrew Herman
website: https://aherman.github.io

EDUCATION
The Ohio State University, Columbus, OH
B.S. Computer Science and Engineering, December 2012

WORK EXPERIENCE
Futurist Playground, Austin, Texas (April 2015 to May 2017)
Systems Designer and Facilitator
- Cofounded organization and developed branding and strategy
- Designed and built interactive educational web tools and group decisioning tools
- Designed, built, and administered organization website with forum and wiki
- Researched, wrote and edited ebooks and other educational material integrating the cross-disciplinary application of design, technology, psychology, sociology, economics and spirituality
- Networked and collaborated with diverse individuals and communities locally and regionally

Red Ventures, Fort Mill, South Carolina (January 2013 to April 2015)
Lead Software Engineer
- Gained extensive experience in project management, requirement gathering, task estimation/prioritization, software and database architecture, front-end design, and business partner relationship management
- Transformed requirements from business leaders and analysts into software solutions to support partnerships with major national brands
- Developed Customer Relationship Management (CRM) web applications that handle hundreds of orders per day

Nationwide Financial, Dublin, Ohio (June 2010 to October 2012)
IT Application Development Intern
- Provided client-server software support for 5+ in-house financial data processing applications
- Communicated with production assurance, database support team, and business agents to decide course of action for system and process outages
- Developed and maintained nightly financial transaction processes that connected web application server programs with a legacy mainframe system

VOLUNTEER EXPERIENCE
Green Ventures sustainability team, Fort Mill, South Carolina (May 2014 to April 2015)
- Founded and led grassroots initiative to encourage better environmental stewardship in the office-place
- Led company-wide programs that improved recycling rates and reduced disposable container usage

Greenpeace/Charlotte Environmental Action, Charlotte, North Carolina (June 2014 to April 2015)
- Conducted research, planning, and media pitch calls for protests and public actions
- Helped coordinate volunteer teams for petitioning initiatives and local government lobbying

Arcosanti Information Services Volunteer, Arcosanti, Arizona (January 2016 to June 2016)
- Provided IT support for the internet/phone network and video/sound production for live events
- Contributed to various technology projects including website design/development and videography

TECHNOLOGY SKILLS
- **Systems**: Linux, Unix, Mac, Windows
- **Programming Languages**: PHP, Oracle/MySQL, Java, C#, C++, C, UNIX Shell, JavaScript, HTML, CSS
- **Architectural Frameworks**: Silex & Zend PHP, SOAP & RESTful web services
- **Software**: Atom, PhpStorm, Eclipse, Visual Studio, Git, Google & Microsoft Office Suite, Inkscape, Gimp, Adobe Flash