DREW SYNAN

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EDUCATION

The University of Chicago, Chicago IL
B.A. in Statistics with honors, June 2013
Honors include: T. Kimball Brooker Book Collecting Prize, 2013; Dean's List, 2009–2013

CODING AND DESIGN EXPERIENCE

Freelance Graphic Designer and Analyst, Sept. 2010 – Present
- Evaluate client needs in order to tailor design goals and craft optimal solutions
- Analyze data using statistical software to create engaging data visualizations and statistical graphics
- Design and code responsive websites, data cleaning, and analysis routines

Qualia Health, Chicago IL
Data Scientist and Designer, June 2014 – Feb. 2015
- Cleaned, modeled, and visualized 150+ users' data using Python, R, and Tableau for exploratory analysis
- Designed and prototyped 4 mobile healthcare app UIs; assisted in user-centered design research
- Coded and designed responsive websites and web apps using Python, CSS, HTML, and Angular.js

American Asparagus, Chicago, IL
Co-founder and Art Director, May 2013 – Nov. 2013
- Designed, coded, and maintained a Node.js/NoSQL web application to host and typeset the project
- Developed and coded experimental generative layout processes using genetic algorithms

The University of Chicago Press, Chicago, IL
Production and Design Assistant – Books Division, Sept. 2012 – March 2014
- Designed and typeset book covers, eBooks, and website hero banners for trade and academic titles
- Modeled collection growth of 10,000 volume library to predict future shelving needs
- Created inventorying and metadata scraping software to catalog and manage departmental libraries

Doc Films at the University of Chicago, Chicago IL
Design Chair, March 2012 – March 2013
- Coded JavaScript automation within InDesign to efficiently standardize database driven publishing
- Designed, managed copy editing, and typeset four 5,000-word calendars, and 30+ publicity posters

The University of Chicago, Chicago IL
IT Technician, Sept. 2010 – Sept. 2012
- Diagnosed and solved software and peripheral issues for faculty and staff in person, by phone, and email
- Created and maintained system images for 5+ models of PCs/ Macs for rapid computer lab deployment
- Set up and inventoried 300+ computers for faculty and staff in the sciences and humanities

The Midway Review, Chicago IL
Art Director and Design Editor, Sept. 2010 – June 2012
- Directed print and web production, and typeset 12 quarterly journal issues (25,000 words per issue)
- Designed covers, interiors, and publicity materials, commissioned illustrations and photography

USDA Forest Service/USDI Bureau of Land Management, Baker City, OR
Cartographic Technician and Software Developer, Feb. 2009 – Sept. 2010
- Created and documented GIS data sources, including georeferencing legacy maps and imagery
- Developed ArcGIS scripts for database-driven cartography and annotation

SKILLS

Coding – Python (+pandas), R (+ ggplot2), CSS3, HTML5, JavaScript (Angular.js D3, jQuery), Sass, SQL
Apps – ArcGIS, Adobe CS, Git, MySQL, Microsoft Access, R, Sketch, Tableau; Windows, Mac, Linux
Esoteric – type design, book binding, offset printing, film projection, Haskell
Languages – Farsi (elementary), French (reading)
Portfolio – http://drewsynan.com/portfolio.pdf (March, 2015)