David Ziegler • david.ziegler@gmail.com • San Francisco, CA

EDUCATION:
Stanford University, Stanford, CA (9/06 – 3/08)
Master of Science in Management Science and Engineering, Operations Research concentration
Additional coursework in machine learning, probability, and design.

Case Western Reserve University, Cleveland, OH (8/02 – 5/06)
Bachelor of Arts in Mathematics and Economics, minor in Political Science
Additional coursework in computer science, probability, and statistics.

COMPUTER SKILLS:
Python, Django, Flask, Javascript, jQuery, Angular, Backbone, Puppet, SQL, Redis, HTML, CSS, Git, SVN.
Previous experience with C, Objective-C, C#, Lisp, Stata, SAS, R, GAMS. Preference for OS X, Linux, or BSD.

WORK EXPERIENCE:
Lead Software Engineer, StreetLight Data, San Francisco, CA (11/2013 – Present)
Full stack web development using Angular, Flask, and SQLAlchemy.

Co-Founder, Cloth & Dagger, San Francisco, CA (3/2012 – 8/2013)
Co-founded Cloth & Dagger, a menswear e-commerce company. Responsible for all frontend and backend
development, metrics, and inventory management.

Co-Founder, Codio, San Francisco, CA (11/2010 – 8/2011)
Co-founded Codio, a startup to improve the technical recruiting process.

Lead Software Engineer, Mingle Media Corporation, Palo Alto, CA (10/2009 – 10/2010)
Second employee at a growing startup. Headed a small engineering team to launch mingle.com and take it through
several iterations. Created fraud tools, a queuing system, and analytic tools for conversion and usage tracking.
Responsible for caching, scalability, new features, and overall site performance.

Freelance Web Developer, San Francisco, CA (1/2009 – 10/2009)
Freelance and consulting web application development for various clients using Django and jQuery. Frontend
development, backend development, and software design on wide-ranging consumer facing projects. Responsible for
drafting and implementing technical specifications, iterating upon user feedback, and deployment.

Intern, Numenta, Menlo Park, CA (6/2007 – 9/2008)
Conducted research on fault detection in power system, optical character recognition, computer vision attention
mechanisms, and object recognition using LIDAR data. Unsupervised and supervised learning algorithmic research.
Used machine learning to provide proof of concept for the company's algorithms and technologies.

Honors and Awards:
Case Western Reserve University Provost Scholarship, 2002 – 2006
Case Western Reserve University Department of Economics Robert N. Baird Award, 2006
Case Western Reserve University Experiential Learning Fellowship Research Grant, 2004
Case Western Reserve University SOURCE Research Grant, 2005
SOURCE Undergraduate Research Symposium, First Place in Social Sciences, 2006
Bowling Green State University Undergraduate Economics Conference, Second Place, 2006