

# David Dakota Blair PhD

---

CONTACT	(903) 235-3248	dakota@tensen.net
EDUCATION	<b>The CUNY Graduate Center</b> , New York, NY Ph.D., Mathematics, September 2015 M.Phil., Mathematics, February 2014 <b>Texas A&amp;M University</b> , College Station, TX M.S., Mathematics, May 2007	
EXPERIENCE	<b>City University of New York (BMCC, Citytech)</b> New York, NY <i>Adjunct – Mathematics</i> <b>2009 – 2011, 2014 – 2015</b> <b>New York University</b> , New York, NY <i>Adjunct – Computer Science</i> <b>Spring 2014</b> <b>Freelancers Union</b> , New York, NY <i>Software Engineer</i> <b>June 2011 – January 2014</b> <ul style="list-style-type: none"><li>• Improved a process saving 80% of time on onboarding using Vagrant.</li><li>• Created customer-facing and intranet Django (Python) web apps.</li><li>• Automated processing (Bash), loading and auditing (Postgres) of PHI and financial data (100MB monthly) in compliance with HIPAA.</li><li>• Decreased risk by updating routines and documenting legacy loads.</li></ul> <b>New York Magazine</b> , New York, NY <i>Junior Software Engineer</i> <b>August 2007 – August 2009</b> <ul style="list-style-type: none"><li>• Maintained Analytics implementation (JavaScript) for Omniture, ComScore, Quantcast, Nielsen.</li><li>• Facilitated data transformation (XSLT) from legacy systems.</li></ul>	
LANGUAGES	<b>Python, JavaScript, SQL, L<sup>A</sup>T<sub>E</sub>X, Bash</b> , Java, XSLT, Perl, PHP, Ruby also proficient with XSL, XML, HTML5, PostScript, Mathematica, Fortran, C, C++, Maple, CSS, gnuplot	
FRAMEWORKS	<b>Django, jQuery, numpy</b> , Amazon EMR, Bootstrap, pandas, sklearn	
TOOLS	<b>Git, Vagrant, Jupyter</b> , Puppet, Salesforce, Jira, Jenkins	
PUBLICATIONS	D. Dakota Blair, F. Blanchet-Sadri, Rebeca V. Lewis. Equations on Partial Words. RAIRO-Theor. Inf. Appl. 43, 23-39 (2009)	