

ERIC SCHULTE

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Education

University of New Mexico <i>Graduate Studies in Computer Science</i>	Fall 2009 – Present Albuquerque, NM
University of Washington <i>Classes in Computer Science</i>	Fall 2007 Seattle, WA
George Mason University <i>Classes in Computer Science</i>	Fall 2006 – Spring 2007 Fairfax, VA
Budapest Semester in Mathematics <i>Classes in Combinatorics and Abstract Mathematics</i>	Spring 2003 Budapest, Hungary
Kenyon College <i>BA Mathematics, Minor Philosophy</i>	2000 – 2004 Gambier, OH

Employment

The MITRE Corporation <i>Senior Artificial Intelligence Engineer</i>	2005 – 2009 McLean, VA / Seattle, WA
<ul style="list-style-type: none">• Lead developer for a research effort bringing automated query formulation techniques to news analysts. Includes the creation of a portable web based experimentation and evaluation platform.• Lead developer of the RAMBO (Rapid Argus Modeling for Biosurveillance Operations) system for the Argus project in disease modeling and surveillance. RAMBO is a web application used to produce, execute, and distribute the results of Bayesian models running over text media collected from across the Internet. RAMBO is now being used by roughly 50 news analysts at Georgetown University tracking emerging epidemics.• Conceived and developed working prototype for the STAT (Statistical Tracking and Analysis of Text) text mining system. STAT performs temporal analysis of multilingual text media, providing daily updates, automated alerts, and theme identification and tracking for news analysts.• Represented development teams in project wide meetings• Presented research proposals in funding competitions, and led training sessions• Systems administration for multiple production Unix/Linux systems.	
<i>International Technical Analyst</i>	2004 – 2005
<ul style="list-style-type: none">• Wrote documentation and user's manuals• Research assistant and Internet research	

Awards & Commendations

- Recognized with an Intelligence Community Medallion for work supporting project Argus.
- Received SPOT technical achievement award for research and development on project Argus.

Skills

Leadership Experience

- Leading small groups in application development; providing technical expertise for research projects; working closely with customers, sponsors, and academic partners

Development Experience

- Web Applications, Rapid prototyping, Text mining systems, Probabilistic reasoning systems

Tools and Languages

- Ruby, Lisp/Scheme, C, Java, Python, Perl, Unix Shell, SQL, HTML, CSS, \LaTeX , MATLAB, R
- Emacs user, hobbyist and contributor
- Facile in tools of software development including managing version control systems and bug tracking systems, maintaining collaborative project wikis, leveraging debuggers, profilers, existing libraries and frameworks