

# Josh Rule

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## Research Interests

- Expert Performance & Skill Acquisition
- Strategy Selection & Problem Solving
- Cognitive Modeling
- Human Neuroimaging (e.g. fMRI, EEG)

## Education

### University of Illinois

BS, Computer Science, *Summa cum Laude*

BA, Philosophy, *Magna cum Laude*

GPA: 3.96/4.00      Technical GPA: 3.98/4.00

Urbana-Champaign, IL

December 2009

December 2009

## Experience

### Georgetown University: Professor Maximilian Riesenhuber

Research Assistant & Lab Manager

Washington, DC; Jakarta, Indonesia

October 2010 - Present

- Standardize, apply, and extend HMAX, an architecture for visual object recognition
- Recruit, test, train, and scan subjects for fMRI studies in orthographic learning
- Write online training system for studies in orthographic learning
- Remotely administer lab's computing and web servers
- Manage lab's purchasing and financial reporting

### U.S. Department of State: American Embassy Kingston

IT Assistant, Inter-Post Communication

Kingston, Jamaica

January 2010 - August 2010

### University of Illinois: Professor Gerald DeJong

Senior Thesis

Urbana-Champaign, IL

May 2009 - December 2009

### University of Illinois: Professor Dan Roth

Undergraduate Research Assistant

Urbana-Champaign, IL

May 2009 - December 2009

### University of Illinois: Dr. Cinda Heeren

Undergraduate Teaching Assistant, Data Structures (CS225)

Urbana-Champaign, IL

January 2008 - May 2009

## Publications

- Sammons, M., Vydiswaran, V. G. V., Vieira, T., Johri, N., Chang, M.-W., Goldwasser, D., Srikumar, V., Kundu, G., Tu, Y., Small, K., **Rule, J.**, Quang, D., and Roth, D. (2009). *Relation alignment for textual entailment recognition*. In Proceedings of the Second Text Analysis Conference.

## Technical Skills

- MATLAB, L<sup>A</sup>T<sub>E</sub>X, HTML, Javascript, CSS, PHP, MySQL, Python, Bash, C, C++, Scheme, Ocaml, MIPS
- Linux system administration, Windows, OS X

## Titles & Honors

- University Honors (UIUC), *top 3% of graduating class*, 2010
- Jeffrey P. Blahut Memorial Scholarship, *C.S. Department*, 2009
- Charles G. Koch Summer Fellow, *the Institute for Humane Studies*, 2008
- University of Illinois Chancellor's Scholar, *125 per incoming class*, 2006-2009
- BSA Eagle Scout, 2004