Joshua Rule

joshrule@joshrule.com - @joshrule
joshrule.com - maxlab.neuro.georgetown.edu

Education

University of Illinois Urbana-Champaign   **Urbana-Champaign, IL**
Bachelor of Science in Engineering with Highest Honors, Computer Science   *December 2009*
Bachelor of Liberal Arts & Sciences Summa Cum Laude, Philosophy   *December 2009*
GPA: **3.96/4.00**   Technical GPA: **3.98/4.00**

Experience

Georgetown University: Neuroscience Department   **Washington, D.C.**
Research Assistant & Lab Manager under Professor Maximilian Riesenhuber   *October 2010 - Present*
- Manage lab's website, purchasing, and financial reporting
- Build computational models of human visual object recognition
- Train and scan subjects for for fMRI studies in auditory and orthographic learning

U.S. Department of State, American Embassy Kingston   **Kingston, Jamaica**
Information Technology Assistant, Inter-Post Communication Department   *January 2010 - August 2010*
- Managed post telephony infrastructure for over 300 employees
- Executed maintenance and destruction of classified equipment
- Facilitated the receiving and sending of classified materials

University of Illinois: Computer Science Department   **Urbana-Champaign, IL**
Senior Thesis under Professor Gerald DeJong   *May 2009 - December 2009*
- Built linear separator for image classification on small (< 100 examples) training sets
- Authored paper summarizing development and experimental results of linear separator

University of Illinois: Cognitive Computation Group (CCG)   **Urbana-Champaign, IL**
Undergraduate Research Assistant under Professor Dan Roth   *May 2009 - December 2009*
- Analyzed performance of natural language tools for improved performance
- Collaborated on framework for sentence manipulation and simplification

University of Illinois: Computer Science Department   **Urbana-Champaign, IL**
Undergraduate Teaching Assistant for CS225 (Intro to Data Structures)   *January 2008 - May 2009*
- Tutored students in data structure concepts via C++ programming assignments
- Counseled on course structure and content at weekly meetings
- Created questions for and proctored midterms and final exam

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 with the Institute for Humane Studies, 2008
- University of Illinois Chancellor's Scholar, *125 per incoming class*, 2006-2009
- University of Illinois James Scholar, 2006-2009
- BSA Eagle Scout, 2004