

Joshua Rule

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Education

University of Illinois Urbana-Champaign

Bachelor of Science in Engineering with Highest Honors, Computer Science

Bachelor of Liberal Arts & Sciences Summa Cum Laude, Philosophy

GPA: **3.96/4.00** Technical GPA: **3.98/4.00**

Urbana-Champaign, IL

December 2009

December 2009

Experience

Georgetown University: Neuroscience Department

Lab Manager under Professor Maximilian Riesenhuber

- Manage lab's purchasing and financial reporting
- Build computational models of human visual object recognition
- Train and scan subjects for fMRI studies in auditory and orthographic learning

Washington, D.C.

October 2010 - Present

U.S. Department of State, American Embassy Kingston

Information Technology Assistant, Inter-Post Communication Department

- Managed post telephony infrastructure for over 300 employees
- Executed maintenance and destruction of classified equipment
- Facilitated the receiving and sending of classified materials

Kingston, Jamaica

January 2010 - August 2010

University of Illinois: Computer Science Department

Senior Thesis under Professor Gerald DeJong

- Built linear separator for image classification on small (< 100 examples) training sets
- Authored paper summarizing development and experimental results of linear separator

Urbana-Champaign, IL

May 2009 - December 2009

University of Illinois: Cognitive Computation Group (CCG)

Undergraduate Research Assistant under Professor Dan Roth

- Analyzed performance of natural language tools for improved performance
- Collaborated on framework for sentence manipulation and simplification

Urbana-Champaign, IL

May 2009 - December 2009

University of Illinois: Computer Science Department

Undergraduate Teaching Assistant for CS225 (Intro to Data Structures)

- 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

Urbana-Champaign, IL

January 2008 - May 2009

Technical Skills

- Proficient in C, L^AT_EX, MATLAB, Python, HTML, & CSS
- Exposure to C++, Java, MIPS Assembly, Lisp (PLT-Scheme and arc), & Ocaml
- Comfortable on Mac OS X, Windows, & *nix platforms
- Basic proficiency in French

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
- University Achievement Scholarship, 2006-2009
- Jackson Family Memorial Scholarship, 2006-2009
- Drug, Chemical & Associated Technologies Scholarship, *Five Nationally*, 2006-2009
- University of Illinois Dean's List, 2006-2009
- National Merit Scholar, 2006-2009
- BSA Eagle Scout, 2004