

Dan Werner

Rensselaer AI & Reasoning Laboratory
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EDUCATION

M.S. Program in Computer Science, August 2006–Present
Rensselaer Polytechnic Institute Troy, NY

B.S., Computer & Systems Engineering and Computer Science, Cum Laude, May 2006
Rensselaer Polytechnic Institute Troy, NY

RESEARCH AND EXPERIENCE

Graduate Research Assistant
Department of Computer Science

Rensselaer Polytechnic Institute
Troy, NY, USA
Spring 2007–Present

One of the developers for Solomon, an advanced Q&A system for intelligence analysts.

Teaching and Learning Assistant
Advising and Learning Assistance Center

Rensselaer Polytechnic Institute
Troy, NY, USA
Fall 2006–Spring 2007

The Teaching & Learning Assistance (TLA) program is a joint position held with the Resident Life Office in the Division of Student Affairs and the Advising and Learning Assistance Center in the Academic Affairs area. TLA's are graduate students who live alongside undergraduate students and assist them in a variety of ways. I held drop-in tutoring sessions for all Computer Science courses three nights a week, ran workshops to supplement learning in CS classes and others to help and give advice on career related questions and interviewing, and had office hours each week for my residents.

Undergraduate Teaching Assistant
Department of Computer Science

Rensselaer Polytechnic Institute
Troy, NY, USA
Spring 2006

CSCI - 1190 - Beginning C Programming for Engineers

Software Intern

Syracuse Research Corporation
Syracuse, NY, USA
Summer 2004, 2005, 2006

Syracuse Research Corporation is an independent, not-for-profit research and development organization. The location I worked at specialized in radar and communication technology and the first two summers I was there, I worked on software that interacted with the radars. I developed a program in C# to help test radars, ported software to a Pocket PC, developed a program that plotted data received from a radar to either an XY or 360 degree display, and I worked with several programs that displayed real time data being received from a radar. I also worked in the IT department and maintained

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and upgraded a system that tracked a database of parts and systems produced by the company.

SKILLS

- Programming Languages: C#, C, C++, Visual Basic, HTML, XML, Scheme, Lisp, Java, Perl, OpenGL, SQL.
- Operating Systems: Microsoft Windows 95/98/ME/NT/2000/XP, MacOS X, FreeBSD.
- Strong proficiency with Maple, MATLAB, LabVIEW, Solidworks, and L^AT_EX.
- Good technical writing and grammar skills.

HONORS

- Eta Kappa Nu - Electrical and Computer & Systems Engineering Honor Society
- Dean's List: 2002–2006

SCIENTIFIC SOFTWARE

S. Bringsjord, M. Clark, A. Shilliday, J. Taylor, D. Werner. *Solomon*. A Next-Generation Q&A System. <http://www.cogsci.rpi.edu/solomon/>. 2006–present.

PRESENTATIONS

S. Bringsjord, A. Shilliday, J. Taylor, D. Werner, M. Clark. *The Solomon (p-o-c) QA System: Past, Present, Future*. AQUAINT Site Visit, Rensselaer Polytechnic Institute, Troy, NY, June 13, 2007. (Bringsjord and Taylor Presented.)

S. Bringsjord, A. Shilliday, J. Taylor, D. Werner, M. Clark. *Updates on ... Advanced Knowledge Representation and Reasoning for Interactive Visualization*. ASPACEX Site Visit, Rensselaer Polytechnic Institute, Troy, NY, June 5, 2007. (Bringsjord Presented.)

S. Bringsjord, D. Werner, A. Shilliday, J. Taylor, M. Clark. *The Solomon QA System: Updates (Blue Sky P-o-C Project)*. AQUAINT Principal Investigator Meeting, University of Maryland, College Park, May 16, 2007. (Bringsjord Presented.)