

Blair Allyn Flicker

bflicker@gmail.com

Education:

University of Illinois at Urbana-Champaign (*May 2006*)

College of Engineering

B.S in Computer Science with Honors

College of Liberal Arts and Sciences

B.S. in Psychology with Departmental Distinction

Cumulative Grade Point Average: 3.69 / 4.00

Research Experience:

PySlice4D (*May 2005-Aug 2005*)

Extended the PySlice framework to compute and project three dimensional cross sections of randomly generated four dimensional shapes in the Cube

Center for Healthy Minds (*Jan 2004-Aug 2005*)

Designed, administered, and analyzed data collected from psychological experiments conducted with Michelle Meade in Professor Denise Park's Center for Healthy Minds

Summer Research Opportunities Program (*May 2004-present*)

Analyzed data with Professor Brian Ross from a category-learning experiment, discussed the results, implications, and plans for future study and oversaw the design, implementation, and analysis of a pilot study involving extended learning

illiMath2004: PyCube (*May 2004-Aug 2004*)

Developed PySlice - a 3D experimental framework - in the Cube for Professor Frances Wang as part of her research on the ability of humans to geometrically comprehend four dimensional objects

User Interface Design Project: TrailBlazer Web Browser (*Aug 2003-Dec 2003*)

Identified the need for a better history feature in web browsers, designed a prototype of our proposed solution, performed usability tests with it, and incorporated it into a fully-functional browser

Awards & Honors:

Dean's List (*May 2001 – May 2005*)

Semester GPA in top 20% of Class

SROP Outstanding Research Award (*July 2004*)

Excellent research in Summer Research Opportunities Program

John R. Pasta Award (*April 2004*)

Given to two students in Computer Science for academic excellence

Work Experience:

Senior Counselor, Concordia Language Villages (*June 2006-August 2006*)

- Prepared daily Spanish language lessons for youths ages 8 to 16, planned games and activities that would force them to use Spanish, and oversaw and instructed daily life using Spanish always
- Worked on a staff team that was composed of a majority of non-Americans, collaborated with other counselors in Spanish, and contributed to group meetings in Spanish

Program Advisor, Allen Hall, UIUC (*Aug 2004-May 2005*)

- Instituted student interest groups and organized educational programming for an entire residence hall
- Facilitated residents undertaking projects or developing groups by directing them to necessary resources

Resident Advisor, Allen Hall, UIUC (*Aug 2002-May 2004*)

- Established an intellectually stimulating community on a floor of 60 students in a university residence hall that was conducive to academic success by organizing social and educational programs
- Served as mediator when interpersonal conflicts occurred

Language Skills:

English

Native Speaker - Fluent

Spanish

Fluent

- Ten years of study
- Three semesters at the university level
- Four months formal study abroad in Argentina
- Four months independent language study in Latin-American countries
- Two months teaching Spanish at the Concordia Language Villages

International Experience:

Independent Language/Cultural Study (*Jan 2006 – May 2006*)

Four months of travel, Spanish language courses, and cultural learning in Ecuador, Guatemala, Honduras, and Mexico

Universidad Nacional del Litoral (*Aug 2005 – Dec 2005*)

Semester Study Abroad – Santa Fe, Argentina

Israel (*Dec 2004*)

Ten Day Educational Tour

Presentations:

Effects of Object Manipulation on Category Learning

- Presented at the Summer Research Opportunities Program research fair at the University of Illinois at Urbana-Champaign
- Poster presented at the Committee for Institutional Cooperation annual conference at the University of Iowa