

Robert Clayton Barnes

Contact Information:

Cell Phone: (662) 801-7603
E-mail: clay@hci-matters.com

Present Address:

2240 E. 6th Street
Tucson, AZ 85719

Education	Enrolled Human-Computer Interactions M.S. , Rensselaer Polytechnic Institute, Troy, NY	2008
	Linguistics B.A. , University of Arizona, Tucson, AZ	May 2008
	Computer Science B.S. , University of Arizona, Tucson, AZ	May 2008
Academic Honors	<ul style="list-style-type: none">• National Merit Scholarship• Recipient of Intel “Outstanding Use of Computers” Award• First Place Computer Science Project, Mississippi Science and Engineering Fair• First Place Computer Science Test, Mississippi Science and Math Tournament• First Place Programming Team, Mississippi Science and Math Tournament	2003–2007 2003 2003 2003 2003
Professional Experience	User Experience Contractor: Intrigo, Tucson, AZ <ul style="list-style-type: none">• Revised existing and created new interfaces to improve user experience and maximize usability• Designed and implemented software installation, upgrade, and maintenance system from version-controlled developer repositories onto customer servers	2006–2008
Other Experience	Author: <i>New Interface Advocate</i> HCI Blog <ul style="list-style-type: none">• URL: http://www.hci-matters.com/blog• Over 100,000 unique visitors this year• Topics encompass both theoretical topics and application of HCI principles to real-world problems Open-Source HCI: <i>OpenBox</i> Window Manager and <i>C*mus</i> Music Player <ul style="list-style-type: none">• General usability/user experience issues• C*mus Audioscrobbler/Last.fm support patchset maintainer Treasurer: Students Promoting Respect for Individuality Through Example, University of Arizona <ul style="list-style-type: none">• Organized all finances and organization expenses• Managed special event funding and expenses• Organized fund-raisers	2007–Present 2006–Present 2005–2006
Computer Skills	<i>Languages:</i> Bash, C, C++, Java, MIPS Assembly, Prolog, Ruby, SML/NJ <i>Non-Turing:</i> Regular Expressions, SQL <i>Software:</i> 3D Studio MAX, Adobe Creative Suite, Autodesk Maya, dia, Eclipse, ESRI ArcView GIS, ffmpeg, gcc, GIMP, Graphviz, Inkscape, L ^A T _E X 2 _ε (including .sty package design), Microsoft Office Suite, mplayer/mencoder, OpenOffice.org <i>OS Experience:</i> Windows, MacOS, Linux (including Debian, Gentoo, Fedora Core, and Slackware)	
Coursework	<i>Theory:</i> Programming Datastructures, Algorithm Design and Proof <i>Programming:</i> Object-Oriented Design, Comparative Programming Paradigms, Computer Architecture and Assembly Programming, Network Programming and Theory, System Programming and UNIX, Operating Systems Programming <i>Computational Ling.:</i> Computational Linguistics, Computational Semantics, Language and Speech Technology	