

KONSTANTINE PREVAS

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<http://www.gusprevas.com>

EDUCATION

- Carnegie Mellon University – *August 1998-December 2002*
 - B.S. in Computer Science and Human-Computer Interaction, with a minor in Psychology
 - Date of graduation: May 2002
 - Cumulative GPA: 4.0
 - Graduated with University Honors
 - Phi Kappa Phi, Phi Beta Kappa honors societies
 - Master of Human-Computer Interaction
 - Date of graduation: December 2002
 - Cumulative GPA: 4.0
 - Master's project: designing and prototyping gesture recognition interface for General Motors

WORK EXPERIENCE

- Software Engineer, Guidewire Software – *April 2006-present*
 - Developed proprietary XML-based web UI framework
- UI Designer/Programmer, Project Halo, SRI International – *January 2005-April 2006*
 - Designed and developed user interface for AI knowledge base construction by subject matter experts
- Research Programmer, Carnegie Mellon University – *February 2003-December 2004*
 - Designed and developed tools for automated cognitive modeling-based evaluation of interface designs
 - Developed authoring tools for computer-based cognitive tutoring systems
- Teaching Assistant, Carnegie Mellon University – *August 2001-December 2002*
 - Prof. Bonnie John, Introduction to Human-Computer Interaction Methods
 - Prof. Brad Myers, HCI for E-Commerce
- Research Assistant, Carnegie Mellon University – *May 2001-August 2002*
 - Implemented and assisted in design of path planning algorithms for I-Cubes self-reconfigurable robot
 - Web programming for Netvis social network visualization system

RELEVANT SKILLS

- HCI techniques: contextual inquiry, think-aloud user testing, heuristic evaluation, cognitive walkthrough, hierarchical task evaluation, personas, cognitive modeling, rapid prototyping
- Programming languages: Java (Swing, SWT), DHTML/Javascript, Objective-C, Ruby, PHP, Lisp, ActionScript, C/C++

PUBLICATIONS

- Prevas, K.; Ünsal, C.; Efe, M. O.; Khosla, P. K. A Hierarchical Motion Planning Strategy for a Uniform Self-Reconfigurable Modular Robotic System. Proceedings of International Conference on Robotics and Automation, 2002.
- John, B.E.; Prevas, K.; Salvucci, D.; Koedinger, K. Predictive Human Performance Modeling Made Easy. Proceedings of CHI, 2004.
- Salvucci, D.; John, B.E.; Prevas, K.; Centgraf, P. Interfaces on the Road: Rapid Evaluation of In-Vehicle Devices. Presented at the Human Computer Interaction Consortium, 2004.