

Konstantine Prevas

2251 Princeton St.
Palo Alto, CA 94306
(650) 213-6527

kprevas@gmail.com | <http://www.gusprevas.com>

EDUCATION

- **Carnegie Mellon University** – *August 1998 - December 2002*
 - **B.S. in Computer Science and Human-Computer Interaction**, 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
 - Final project: designing and prototyping gesture recognition interface for General Motors

WORK EXPERIENCE

- **Software Engineer, Guidewire Software** - *Apr 2006 - present*
 - Lead developer on Guidewire Studio, a full-featured IDE for Guidewire's enterprise software platform and programming language
 - Designed and developed quasi-WYSIWYG UI configuration editor for Studio
 - Modernized Guidewire's web layer by adding support for AJAX controls and customer skinnability
- **UI Designer/Programmer, Project Halo, SRI International** - *Jan 2005 - Apr 2006*
 - Designed and developed user interface for AI knowledge base construction by subject matter experts
- **Research Programmer, Carnegie Mellon University** - *Feb 2003 - Dec 2004*
 - Designed and developed tools for automated cognitive modeling-based evaluation of interface designs
 - Developed usable front-ends for interacting with ACT-R cognitive architecture
 - Developed authoring tools for computer-based cognitive tutoring systems
- **Teaching Assistant, Carnegie Mellon University** – *Aug 2001 - Dec 2002*
- **Research Assistant, Carnegie Mellon University** – *May 2001 - Aug 2002*

RELEVANT SKILLS

- Extensive experience in **Java**, including Swing and SWT toolkits and Eclipse plug-in development, and **DHTML/Javascript/AJAX**.
- Other languages: C/C++, Objective-C (including Cocoa and Cocoa Touch frameworks), Ruby/Rails, PHP, Lisp, Python, Actionscript, Gosu.
- UI design, including formal UI evaluation methods. Experience with Photoshop, Illustrator, etc.
- Agile/Test-Driven Development, Scrum development methodology.

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.