

# Carl Angiolillo

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## Education

<b>Carnegie Mellon University</b>	Pittsburgh, PA	2005-2006
M.S. Human-Computer Interaction		3.92 GPA
Intelligent tutoring systems, game design, conceptual models		
<b>Amherst College</b>	Amherst, MA	2000-2004
B.A. Computer Science and Theater & Dance		3.75 GPA
Intelligent tutoring systems, cryptography, set design, directing, dance		
<b>Budapest Semesters in Mathematics</b>	Budapest, Hungary	Spring 2003
Number theory, graph theory, combinatorics, and set theory		

## Work

<b>UX Designer, General Dynamics Viz</b>	Pittsburgh, PA	2007-Present
Led team of designers and interface developers in a DARPA project to integrate learning by demonstration capabilities (Personalized Assistant that Learns) into the Army's collaborative command and control systems (Command Post of the Future)		
Planned and conducted user studies in the lab and on military installations in the US and Iraq		
Co-authored papers in Innovative Applications of Artificial Intelligence (2009 and 2011) on design, development, evaluation, and reception of the PAL capabilities in CPOF		
<b>Research Programmer, Contiguity Project</b>	Carnegie Mellon	2006-2007
Designed student interfaces for cognitive tutor studies under Dr. Vincent Aleven		
Developed tools for researchers to create new cognitive tutor curriculum		
<b>Technical Lead, Voyager Searchlight Project</b>	Carnegie Mellon	2006
Led development of Engage Media Display application for local nonprofit		
Utilized contextual design, user testing, iterative development, and other HCD methods		
<b>Stage Manager, International Opera Theater</b>	Città della Pieve, Italy	Summer 2005
Managed crew, singers, publicity, and rigging and designed lighting for <i>Winter's Tale</i>		
<b>Kermes Technology Fellow, IT Department</b>	Amherst College	2004-2005
Technology liaison to the student body, started computer donation program for nonprofits		
<b>Alumni Artist, Theater Department</b>	Amherst College	2004
Designed set for premiere of Constance Congdon's translation of <i>Le Misanthrope</i>		
<b>Peer Tutor, Math and CS Department</b>	Amherst College	2002-2004
Tutored discrete mathematics, set theory, proof writing, Java		
<b>Instructor, Summer Institute for the Gifted</b>	Madison, NJ	Summer 2003
Taught discrete mathematics and advanced computer programming		

## Skills

Contextual Design,  
Heuristic Evaluation,  
Think-Aloud,  
Cognitive Walk-through,  
Keystroke-Level Modeling

Java, Lisp, C++,  
HTML, CSS

OmniGraffle,  
Photoshop, Illustrator,  
Dreamweaver

Set Design, Lighting  
Design, Carpentry,  
Welding, Drafting,  
Architectural Model  
Building