

JOHN HORSTMAN

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SUMMARY Master of human-computer interaction with six years of award-winning IT consulting experience seeks position in user experience design or interaction design

EDUCATION **Carnegie Mellon University**
MS in human-computer interaction, August 2011
Current QPA: 4.09/4.00

- Applied extensive user-centered design skills to the Campus Carbon Calculator, turning four months of research into nine robust design recommendations for a next-generation tool
- Designed & wireframed a mobile software solution for parents with adult children moving away from home, based on the data collected from executing a diverse set of HCI methods
- Led multidisciplinary team for master's program capstone project: a medical imaging software redesign for a global leader in healthcare IT

University of Illinois at Urbana-Champaign
BS in electrical engineering, 2003
Minor in computer science

- Performed independent study in psychoacoustics, defining coursework and managing self-directed research on head-related transfer functions and moving sound sources
- Co-developed the headphone audio spatializer, an award-winning senior design project
- Awards & activities: College of Engineering Dean's List; Audio Engineering Society, UIUC chapter (vice president); Campus Guitar Club (vice president); Illini Wing Tsun (founder, president)

EXPERIENCE **Senior consultant at Avanade**, Chicago, IL
June 2004 – March 2010

- Evaluated business requirements and designed customized software solutions for companies of various sizes, from web start-ups to multi-billion dollar international corporations, in a variety of industries: retail, defense, shipping, and more
- Excelled as lead business analyst on two system implementations, both of which were delivered on time and under budget: one for a multinational retail & logistics corporation and one for a web retail start-up
- Authored dozens of functional design specifications, detailing the required behavior of software modifications and defining the end user's interaction with the product
- Created & delivered end-user training curriculum, including instructor-led courses, video tutorials and electronically distributed documentation
- Edited the Sales Order Processing chapter of *Managing Your Supply Chain Using Microsoft Dynamics AX*, published 2007

Engineering intern at Motorola, Libertyville, IL
Summers 1998 – 2002

- Evaluated cell phone audio test setup, determining optimum hardware configuration and software settings for accurate test results in shortest amount of time
- Reduced unit audio test time by approximately 50% by proving that phones had the capability to validate their own microphone & speaker assembly via software

SKILLS	HCI	Design	Software	Code
	Contextual inquiry & design	Print layout	Adobe Flash Builder	Java
	Think-aloud studies	Webpage layout	Adobe InDesign	C++
	Keystroke-level modeling	Typography	Adobe Illustrator	HTML
	Heuristic evaluation	Color palette	Adobe Photoshop	JavaScript
	Persona & scenario design	Data visualization	Adobe After Effects	XML
	Prototyping		Adobe Fireworks	ActionScript
	Diary studies			