

Adam Rule

Email: adam@adamrule.com

Website: adamrule.com

Education

University of Washington

Professional Masters of Science, Human Centered Design & Engineering

GPA: **3.95/4.00**

Seattle, WA

June 2013

University of Illinois Urbana-Champaign

Bachelor of Science in Engineering, Industrial Engineering with Highest Honors

GPA: **3.97/4.00** Technical GPA: **3.94/4.00**

Urbana-Champaign, IL

May 2011

Technical Skills

- Experience conducting heuristic evaluation, think-aloud protocols, contextual inquiries, and field studies
- Experience using Adobe Illustrator for wireframing
- Experience with Java, Python, HTML, CSS, AMPL, GTK and L^AT_EX
- Experience modeling with Autodesk AutoCAD, Inventor
- Proficient running discrete event simulations with ProModel

Experience

Carnegie Mellon University

Interaction Design Research Intern

Pittsburgh, PA

Summer 2011

- Completed a literature review of robotic and human factors research applicable to Multi-User, multi-Robot Systems (MURS)
- Conducted multiple contextual inquiry sessions to research the needs of MURS operators
- Conducted multiple scenario-based interface walkthroughs to develop design recommendations for MURS control interfaces
- First authored a paper accepted to the 7th ACM/IEEE Conference on Human-Robot Interaction
- Developed agendas for and lead weekly meetings with advising professor and team members

Cermak Health Services / University of Illinois

Senior Design Project

Chicago / Champaign, IL

Fall 2010

- Partnered with John H. Stroger Jr. Hospital to study and improve their infusion clinic patient-scheduling policies
- Coded a discrete event simulation of the clinic's operation in ProModel using patient, medication, and information flow data
- Coded and ran over 100 future state simulations of possible scheduling system improvements
- Presented research and simulation test findings in an extensive technical report to hospital and university staff

Intel Research

Interaction Design Research Intern

Pittsburgh, PA

Summer 2010

- Performed a case study by ethnographic methods of a young man and his caregiver regarding their attitudes toward caregiving
- Applied findings of the case study to the interaction design of an assistive robot
- Prototyped the interface of an assistive robot using Python and GTK
- First authored and submitted a paper to the 6th ACM/IEEE Conference on Human-Robot Interaction

Leadership

Koinonia Christian Cooperative House

President / Vice President

Champaign, IL

Spring 2011 / Fall 2010

University Baptist Church

Deacon

Champaign, IL

Spring 2010-Spring 2011

Titles & Honors

- University of Illinois Bronze Tablet, *Top 3% by GPA*, 2011
- Industrial and Enterprise Systems Engineering Outstanding Industrial Engineering Junior, Spring 2010
- University of Illinois Chancellor's Scholar, *125 per incoming class*, 2008-2011
- University of Illinois James Newton Matthews Scholar, 2008-2011
- National Merit Scholar, 2008-2011
- College of Engineering Dean's List, 2008-2011