

OBJECTIVE

Full-time position in which I can apply my knowledge of design and engineering to create innovative products and systems

DESIGN TOOLS

Photoshop
Illustrator
Processing
Dreamweaver
Morae
Pro/Engineer
Maya
Arduino
Omnigraffle

DESIGN METHODS

Usability testing
Wireframes
Prototyping
Participatory design
Contextual inquiry
Heuristic evaluation
Affinity diagrams

PROGRAMMING

HTML/CSS
PHP
SQL
C/C++
Java

WORK EXPERIENCE

Walt Disney Animation Studios | Burbank, CA | Summer 2009 (present)

Interaction Design Intern

- Brainstorm and prototype interactions for 3D modeling
- Create and prototype interface designs for animation and production software
- Conduct user interviews to drive interface design

Indiana University | Bloomington, IN | August 2007 - May 2009

Associate Instructor for *Designing and Developing an Information System*

- Led technical seminars for undergraduates to teach programming and design technologies
- Provided feedback and guidance to students in the School of Informatics working on senior design projects

3M | St. Paul, MN | Summer 2008

Human Factors Intern

- Conducted usability analysis of intra-oral dental scanner, recommended and prototyped improvements
- Developed testing protocol to compare performance of RFID and bar code express checkout library stations
- Performed competitive product analysis, compiled data, presented results to project leaders
- Wrote a graphical user interface design specification for complex RFID tracking system to encourage design consistency in subsequent releases

3M | St. Paul, MN | Summer 2007

Mechanical Product Development Intern

- Created 3D models in Pro/Engineer for rapid prototyping
- Helped design and construct a fixture for friction testing
- Collaborated with interdisciplinary team to design, model and prototype a circuit cover for semi-conductor wafer
- Developed instructional guides for creating updatable documents in Microsoft Word

Motorola | Arlington Heights, IL | Summer 2006

Mechanical Engineering Intern

- Assisted senior engineers with certification and environmental testing
- Performed thermal tests from set-up to post-test data compilation
- Utilized Pro/Engineer to create 3D models and 2D drawings for injection molded part

EDUCATION

Indiana University | Bloomington, IN | Graduated 2009

M.S. in Human - Computer Interaction | GPA: 4.0/4.0

University of Iowa | Iowa City, IA | Graduated 2007

B.S.E in Mechanical Engineering, Minor in Spanish | GPA: 4.0/4.0