



Thomas S. Counsell

Personal Info:

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Objective:

Seeking software development position relating to human-computer interaction that challenges my programming abilities through teamwork and problem-solving.

Strengths:

- Able to effectively lead and teach other team members.
- Efficient when challenged to experiment with new ideas and meet goals.
- Seeks out constructive criticism.
- Very capable and creative problem solver.
- Solid writing and communicating skills.

Education:

- **Bachelor of Science in Computer Science**, December 2009
Emphasis on Human-Computer Interaction
Indiana University Purdue University Indianapolis
Major GPA: 3.4 Cumulative GPA: 3.0

Work History:

- Dept. of Radiology, IU School of Medicine
Research Assistant (Internship)
July 2009 to October 2009
 - Developed website, documentation and GUI for neuroimaging software.
- Dept. of Computer Science, IUPUI
Teaching Assistant
January 2008 to December 2009
 - Assisted instructors in teaching and grading for 7 different classes.
- Game Development Workshop, Shepherd Community Center
Director of Curriculum and Teaching
Summer 2008, 2009
 - Taught basic programming techniques to elementary age children.
 - Aimed to spark children's interest in science and mathematics at an early age.
 - Applied and received grant support from WalMart Corporation.
- Image Processing Lab, Griffith University, Australia
Research Assistant (Internship)
September 2008 to November 2008
 - Developed software to implement research ideas in the medical imaging field: retinal blood vessel segmentation.
- RadioShack
Sales Associate
December 2005 to July 2008
 - Maintained sales position with key-holder and management responsibilities under three different managers while enrolled in college full time.
 - Designed procedures for creating price tags and displaying products that became district-wide company policy.

Proficient Languages:

Python 2.4, 2.6
Java/J2EE
C
MatLab
Maple
MySQL
HTML
JavaScript
CSS
PHP
XML

Software Knowledge:

Visual Studio
NetBeans
SSH
VMWare
Photoshop CS4
Illustrator CS4
Dreamweaver CS4
Microsoft Office
incl. Access, Publisher
OpenOffice
Autodesk 3DS Max
Solid Edge
Sphinx
WordPress

Operating Systems:

Windows
Linux

- **Other Areas of Expertise:**
 - Studied Mechanical Engineering for 3 years before changing major to Computer Science.
 - Studied abroad and lived in Australia for 6 months.
 - General understanding of health-care systems and technology.

- **Volunteer Activities:**
 - Homeless Ministry
 - Shepherd Community Center: Science Club, Co-Founder
 - IUPUI Science Apprentice Camp: Presenter

- **Clubs:**
 - InterVarsity Christian Fellowship
 - Rose-Hulman: Study Leader
 - IUPUI: Events Coordinator, Treasurer, Worship Leader
 - Rose-Hulman Water Polo Club: Co-Founder
 - IUPUI Racquetball, Ultimate Frisbee
 - Griffith University Soccer, Rugby
 - Christian Community Development Association