

HENRI BAI

Campus
2293 Friley Stanton
Ames, IA 50012
(515) 572-5252

Permanent
4029 El Paso Dr
Iowa City, IA 52246
(319) 341-0804

Professional Experience

May 2007-Aug 2007, Dec 2007-Jan 2008 Technisource Cedar Rapids, IA

Software Intern (Contractor at Rockwell Collins)

- Learned how to manage time, resources, and people in the professional environment
- Learned the concepts and processes of white box testing, and how to apply them in an efficient and economic manner.
- Developed social skills to interact with professional people and convey technical information in a concise and efficient manner.

January 2007-May 2007 Iowa State University Ames, IA

Teaching Assistant (Computer Data Structures and Algorithms in Java)

- Developed social skills to communicate technical information to other peers in an efficient and concise manner
- Learned methods of testing code in an academic setting

2003-2006 Micro CT Labs, University of Iowa Iowa City, IA

Research Assistant (Adaptive Angiography)

- Developed a sense of how a laboratory works and how to handle lab equipment
- Developed programming skills and unit testing
- Learned how to write professional documents detailing the software packages, and algorithms used to medical journals
- Learned how to manage large code projects efficiently

Education

August 2005 – (Expected) 2009 Iowa State University

Bachelor of Science – Computer Engineering with a Minor in Mathematics

- GPA: 3.53/4.00

Publications and Seminars

- H. Bai, K. Zeng, E. Bai, G. Wang, “Manual Control of Patient Table for Bolus-Chasing CTA”, to appear in Journal of X-Ray Science and Technology.
- Seminars presented to the Radiology Department of the University of Iowa. July 24, 2003 and August 17, 2006. Received Excellence citation from the Director of the CT lab
- Bai EW, J. Bennett, R. McCabe, M Sharafuddin, H. Bai, J Halloran, M Vannier, Y. Liu, C. Wang and G. Wang, “Study of an adaptive bolus chasing CT angiography”, J. of X-ray Science and Technology, Vol. 14, No. 1, pp.27-38, 2006
- Zhijun Cai, Allen Stolpen, Melhem J. Sharafuddin., Robert McCabe, Henri Bai, Tom Potts, Michel Vannier, Debiao Li, Xiaomin Bi, James Bennett, Jafar Golzarian, Shiliang Sun, Ge Wang and Er-Wei Bai, “Bolus Characteristics Based on Magnetic Resonance Angiography”, BioMedical Engineering OnLine, Vol. 5, No. 53, 2006
- H. Bai, S. Remersaro, J. Bennett, J. Halloran, J. Meinel, J. Bodmer, M. Shartuddin, M. Vannier, G. Wang, E. Bai, “Adaptive Algorithm and Experimental Results of a Bolus Chasing CT Scanner”. World Congress of the International Federation of Automatic Control. Czech Republic, July 2003
- Z Cai, J. Bennett, D. Lu, J. Liu, M Sharafudin, H. Bai, G. Wang and E Bai, “Bolus Tracking Using Local Density Information”, IFAC Symp on Medical Control and Biomedical Systems, France, Sep 2006
- R McCabe, H Bai, J Bennett, T Potts, M Sharafuding, J Halloran, M Vannier, G Wang and E. Bai, “Adaptive Control of Computed Tomography Angiography”, IFAC Symp on Medical Control and Biomedical Systems, France, Sep 2006
- Published at least a dozen of artworks on the internet. They can be found at <http://quantsini.deviantart.com/>

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References

References available upon request