



## **Curriculum Vitae**

### **Qingzeng Song**

#### **Education**

- 2008.9-2012.1 Hebei University of Technology, Ph.D. in Electrical Engineering  
Thesis: Research on FPGA-based Acceleration Technology for  
Electromagnetic Numerical Computation
- 2004.9-2007.7 Hebei University of Technology, M.S. in Applied Mathematics
- 1999.9-2003.7 Hebei University of Technology, B.S. in Information and Computing  
Sciences,

#### **Professional Experience**

- 2012.3 -- present: lecturer, School of Computer Science & Software Engineering, Tianjin  
Polytechnic University

#### **Research Interests:**

Reconfiguration Computing; Heterogeneous Computing; Embedded systems;  
Electromagnetic Numerical Computation,

#### **Selected Papers**

- [1] QingZeng Song, JunHua Gu, Jinzhu Zhang. Research on FPGA-based Jacobi  
iterative solver [J]. Computer Engineering and Applications, 2011, 47(29): 74-77.
- [2] QingZeng Song, JunHua Gu. Design and Implementation of Conjugate Gradient  
Iterative Solver on FPGAs. Journal of Computer Applications. 2011. (9) 2571-  
2573.
- [3] QingZeng Song, JunHua Gu. FPGA Implementation of Floating-Point Sparse  
Matrix-Vector Multiply. Computer Engineering. 2011. 37( 23).214-216 .

- [4] QingZeng Song, JunHua Gu, Jinzhu Zhang. Design and Implementation of an FPGA-based high-performance Improved vector-reduction method. 2011 International Conference on Electronics and Optoelectronics, 252-255.
- [5] JunHua Gu, Pei-pei FAN, QingZeng Song et al. Improved culture ant colony optimization method for solving TSP problem [J]. Computer Engineering and Applications, 2010, 46(26): 49-52.

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