

# Wei Chen

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## Summary

Motivated, disciplined M.S. in Electrical Engineering candidate with technical manufacturing and business administration experience. Strong desire to contribute in a manufacturing, design or technical support function utilizing my experience and education. Willing to travel and relocate. Available January 2014.

## Education

### **Washington University in St. Louis**

**St. Louis, MO, Graduation Dec. 2013**

- M.S. Electrical & Computer Engineering, Cumulative GPA: 3.70/ 4.0
- Relevant courses: Partial Differential Equation, Linear Dynamic System, Non-Linear Dynamic System, Transmission and Multiplexing, Medical Imaging Technology, Estimation and Detection Algorithm, Optimization Algorithm, Photonic Communication, Probability and Stochastic Process, Financial Mathematic.

### **University of Missouri-St. Louis**

**St. Louis, MO, Graduation Dec. 2010**

- B.S. Electrical Engineering, GPA: 3.58/4.0
- Graduated Magna Cum Laude

### **Shanghai TV University**

**Shanghai, China, Graduation Feb. 2002**

- Associate Degree of Science, Electrical Technology

### **Fudan University**

**Shanghai, China, Graduation July 1993**

- Associate Degree of Science, Accounting

## Work and Research Experience

### **Washington University in St. Louis, Research Assistant**

**St. Louis, MO, Jan. 2012-May 2013**

- Constructed ultrasound image through temperature distribution in order to improve resolution of image
- Applied estimation and detection algorithm to take noise off for Positron Emission Tomography ( PET) imaging
- Optimized communication net structure

### **University of Missouri- St. Louis, Leader of project team**

**St. Louis, MO, Jan. 2010-Nov. 2010**

- Digital Image Processing: Designed an algorithm to trace the boundary of multiple objects in a digital image, using MATLAB and then displaying the contour and speed
- Electrical and Magnetic Project: Designed single TE (Transverse Electric ) mode unbalance slab wave guide

### **Shanghai Fanshun Logistic Co, Ltd. Vice Manager**

**Shanghai, China, Jan. 1999-June 2007**

- Expanded the business of equipment modification and trouble shooting
- Coordinated 20 sales representatives in five provinces
- Coordinated 15 engineers in local region and constructed the engineering process schedules
- Designed and developed switch circuit and product line monitor equipment

### **Shanghai Donghuan International Freight Co, Ltd. Sales Coordinator**

**Shanghai, China, Mar. 1996-Dec. 1998**

- Doubled sales per representative from \$0.5 million to \$1 million.
- Coordinated 120 sales representatives in five provinces.
- Implemented a training course for new recruits — speeding profitability.

### **Shanghai Zhongtai International Freight Co, Ltd. Junior Accountant**

**Shanghai, China, Aug. 1994-Feb. 1996**

- Served as junior accountant
- Helped sales department to predict costs and profits.

## Skills and Interests

**Language:** Chinese ( Mandarin and Shanghai dialect, native), English ( fluent)

**Computer:** C++, MATLAB, LabVIEW, Maple, Microsoft Office,