

## **Bao H. Cramer**

131 Elm St.  
Milford, NH 03055  
(603) 769-9176  
Email: baocramer@yahoo.com

### **Summary**

*Over 12 + years experience in Mechanical design and drafting, implementing all required practices and standards. Detail oriented individual who sets high standards of quality and performance while prioritizing, organizing and meeting aggressive schedules. Knowledgeable in areas of CAD design machining, fabrication and assembly techniques.*

### **Work Experience**

1999 - 2009

#### **Powerwave Technologies (Formerly Filtronic Comtek) Merrimack, NH**

##### ***Mechanical Designer***

Generated complex mechanical designs for RF components and subsystems used in the wireless communications industry. Participated in conceptual design approaches for new low cost designs. Created models, drawings and 3D assemblies for projects from engineering concepts through product release using SolidWorks 2008, PDM Enterprise, and I-Deas 12 Nx (SDRC).

- Worked closely with electrical engineers in the design and development of new products.
- Acted as a focal point in the conceptualization, design and integration of complex subsystems involving a multidisciplinary team.
- Generated product designs of electronic assemblies, sheet metal, aluminum die-castings, machined parts, plastic parts, printed circuit boards, and cabling utilizing CAD workstation tools.
- Generated, managed and incorporated engineering change orders.
- Generated and managed product bill of materials in MRP, Agile, system.

1996 - 1999

#### **Micronetics Wireless Hudson, NH**

##### ***Jr. Designer/Sr. Drafting***

Generated detail drawings, assembly drawings and material lists. Created and incorporated engineering change orders supporting the engineering and manufacturing departments for producing RF filters products using AutoCAD 14. Organized and maintained drawing and ECO files. Entered part numbers and generated bills of material in company MRP system.

### **Education**

Current

#### **University of Massachusetts, Lowell**

B.S., Mechanical Engineering – expected graduation in 2012

May 1996

#### **New Hampshire Technical College**

A.A.S., Computer Aided Drafting and Design

### **Technical Skills**

SolidWorks 2008, I-Deas 12 Nx (SDRC), Pro/Engineer Wildfire, AutoCAD, ANSI/ASME Y14.5M-1994, ASM500 5.49, Agile, CAM350, ISO Standards, Microsoft Outlook, Word / Excel, PowerPoint, Lotus 123, Lotus Notes.

### **Activities**

Volunteer with Red Cross, volunteer with “Karen’s Climb” benefit for Cystic Fibrosis for 17+ years, volunteer with New Hampshire SolidWorks User Group, and Vice President of BAE SYSTEMS Mixed Candlepin League.

### **References**

Business and personal references available upon request