
EMBEDDED HARDWARE ENGINEER RESUME

Objective:

To work as an Embedded Hardware Engineer and use my 7 years' experience in C/C++, Assembler, OS, Web Languages, and Networking. My strong familiarity with Firmware and Hardware applications will be very useful in providing hardware support to the company.

Education:

MS Computer Science, 2003
Cornell University

BS Computer Science, 1999
Cornell University

Skills:

- C/C++, Assembler, and other languages
- Familiar with IDE on Windows
- PCB Layout, Firmware, Hardware, Circuit Design
- Hands on experience with emulators and processor controls
- Practical knowledge on Field firmware updating

Professional Experience:

- Embedded Hardware Engineer III, 2007-present
- The Haartz Corp., Cleveland, TX

Responsibilities:

- Designed electronic counting machine for products related to medical and security protocols.
- Reduced manufacturing costs and functionality by updating existing products.
- Evaluated firmware design, prototyping, testing and verification according to specified guidelines.
- Evaluated the efficiency of statistical discharge and emissions according to medical standards.
- Embedded Hardware Engineer II 2005-2007
- Haber, Inc, North Cleveland, TX

Responsibilities:

- Measured and tested the capacity of millimeters insulators and keyboards proximity.
- Selected the methods to be used in scrambling analog, power supplies, and other external hardware for functionality purposes.
- Tested the synchronization of designs including fine pitch devices with new prototypes.
- Software Designer, 2003-2005
- Habasit America, North Cleveland, TX

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Certifications and Affiliations:

Certificate in Embedded Systems Applications and Integration
Certificate in Software Design and Development

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