Presentation 1: My career has spanned manufacturing, design, research, and commercialization in a variety of industries and company types. The differences between these experiences will be discussed. The character traits and actions that are necessary for a successful career will be explained. Suggestions for successful interviewing will also be discussed.

Presentation 2: Development of Medical Devices. This presentation will cover the classification of medical devices, regulatory approval processes, and the development process. At the end of this presentation, students will understand the basics in order to prepare them to be able to communicate well in an interview at a medical device company and a head start toward a career in medical devices.

Heather Hanson

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Experience

Engineering Contractor at Samsung Austin R&D Center
August 2015 – present (1 year 6 months)

Data Geek at Cedar Sage Design, LLC
December 2013 – August 2015 (1 year 9 months)

Power & performance modeling for multi-core servers at IBM
July 2007 – July 2013 (6 years 1 month)
Graduate Research Assistant at University of Texas at Austin
2002-2007 (5 years)
Logic Designer at Intel
1999-2002 (3 years)

Skills & Expertise

Logic Design
Circuit Design
Firmware
Power Management
Computer Architecture
Microprocessors
Verilog
VLSI
Processors
Simulations
VHDL
Hardware Architecture
RTL Design
Algorithms
High Performance Computing

See 8+
SoC
Microarchitecture
Perl
Embedded Systems
Debugging
Matlab

Education

University of Texas at Austin
B.S., Electrical Engineering (1988-1994)
B.A., Liberal Arts (Plan II) B.A., Liberal Arts (Plan II)

Honors & Awards

National Merit Scholarship Corporation - 1988
Outstanding Technical Accomplishment - 2009
IBM Research - 2010
Power Management in System P - 2014