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## Circuit Design Engineer Resume

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### Job Objective

To gain position as a Circuit Design Engineer with company in which to practice my abilities and enhance my skills to the fullest.

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### Highlights of Qualifications:

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- Remarkable experience in design and development of electronic circuits
  - Profound knowledge of CAD tools and case circuit analysis
  - Thorough knowledge of product failure risk management tools, mentor design tools and power inverter design
  - Wide knowledge of package substrate, board design and power delivery
  - Familiarity with deep submicron CMOS process and related circuit design issues
  - Proficient with Cadence custom design tools, various circuit simulators, timing analysis tools
  - Solid understanding of automotive electronics and microcontroller designs for embedded applications
  - Good knowledge of electronics manufacturing technologies and electro magnetic compatibility issues
  - Sound logic and digital custom circuit formulation skills
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### Professional Experience:

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Circuit Design Engineer, August 2005 – Present  
Intel, Houston, TX

- Formulated standardized design and evaluation processes.
- Aligned circuits for embedded electronics applications and monitored functionality of electrical design.
- Outlined design, analysis and test plan and result documentation.
- Coordinated with other groups and managed electrical design reviews.

Circuit Design Engineer, May 2000 – July 2005  
NVIDIA, Houston, TX

- Synchronized custom CMOS circuits and conducted verification of transistor level circuit.
  - Monitored circuit functionality and updated on circuit modifications.
  - Delivered optimized device geometries to designers.
  - Updated on circuit modifications.
  - Tracked circuit to provide timing under various process corners and functioning voltages and temperatures.
  - Maintained critical signals.
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### Education:

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Bachelor's Degree in Electronics Engineering, Princeton University, Princeton, NJ

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