

# Brandon Hayward

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## Objective

Seeking a position as an electronic engineer, specializing in design within a progressive, forward thinking company.

## Keywords

MDS, ADS, HFSS, SPICE, Matlab, Mathematica, Word, Excel, 123, Frame Maker. FORTRAN, BASIC, Design, test, E&M, antenna design, PLL, I/Q modulation, YIG, VCO, phase noise

## Employment History

### **Electrical Engineer, 1998 - Present TechTron Labs, Pittsburgh, PA**

Designed and prototyped various analog and digital control circuits and systems. Projects included power supplies, high voltage pulsed, fiber optic cables, radar systems, and high speed comparator logic circuits.

### **Engineer, 1992 - 1998 Bell Automotive, Pittsburgh, PA**

Responsible for initial coding development for the switched reluctance motor design project. Wrote and debugged assembly code that I had written on a variety of steering column test setups. Responsible for drafting bi-weekly progress reports.

## Education

### **Masters, Engineering, 1992**

Cornell University, Ithaca, NY

### **B.S. Electrical Engineering, 1990**

Cornell University, Ithaca, NY