

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