

Justin Hamann

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Career Objective

Seeking full time employment after May '05 graduation. Prefers work with digital design, programming, or testing.

Education

Bradley University in Peoria, IL. May 2005

- Bachelor in Electrical Engineering with Computer Emphasis
- Current GPA: 2.96

Related Courses: Microprocessors, VHDL: Digital Systems, Information Structures and Management, Fundamental Circuit Analysis, Design using FPGA's, VLSI System Design, Advanced VLSI Design, Digital Systems: Computer Structure

Skills / Accomplishments

Hardware Programming Skills

- Assembly Language
- Verilog
- Very High Speed Integrated Circuit Hardware Description Language (VHDL / AHDL)

Software Based Programming Skills

- C / C++
- Perl
- Java
- JavaScript
- HTML
- XML

Software Knowledge

- L-Edit
- PSPICE
- ModelSim
- Microsoft Visual Studio
- Leonardo Spectrum
- Matlab
- Xilinx Project Manager / Nav.

Leadership Skills

- Lead a team of five design a pump control system
- Motivated all team members to complete their tasks
- Completed project successfully with a working product

Lab / Team Skills

- Designed and tested in a laboratory environment for three years
- Applied problem solving techniques while learning
- Documented all procedures executed extensively
- Developed excellent trouble-shooting skills

Successful Projects and Designs

- Designed and constructed a three band equalizer
- Devised a control system for an azimuthal telescope
- Designed and implemented a home automation communication system
- Researching and designing / fabricating a controller for a Rhino XR-2 Robotic Arm

Work Experience

City of Pekin Street Department

Pekin, IL. Summer of 2002

- Adapted to various work environments and assumed a wide range of responsibilities
- Worked as a team member to durapatch roads after obtaining a CDL
- Navigated a robotic camera through sewer lines