Jeremy Greene

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Objective:

To obtain a full time position in the electrical engineering field, specializing in robotics and microprocessor or FPGA based embedded systems for the purpose of maximizing my potential for the betterment of their cooperate goals and providing me with a meaningful and valuable work experience.

Education:

University of Florida: Gainesville, FL   Current GPA: 2.95   Anticipated GPA Upon Graduation: 3.0
- Bachelor of Science in Electrical Engineering
- December 2006

Gulf Coast Community College: Panama City, FL
- Associates of Arts
- December 2003

Relevant Academic Courses
- Microprocessors and Lab
- Computer Architecture and Lab
- Intelligent Machine Design
- Digital Design and Lab

Projects:

Individual
- Designed and built an autonomous ball balancing robot (details of this project are on my website).
- Developed complete 32-bit MIPS processor using VHDL.

Team
- Currently designing hardware and writing software for UF's entry in the 2007 SoutheastCon IEEE robot competition.
- Designed an FPGA based image processing system to track moving objects. This device was used in my senior design project, PongBot. A video of this project is on my website.

Hardware Experience

- Motorola 68HC11
- Altera FPGA's
- Altera CPLD's
- Atmel Atmega series µP's

Programing Experience:

- C
- VHDL
- Assembly
- Matlab

Computer Software Experience:

- Matlab
- Altera's Quartus
- Microsoft Word and Excel

Work Experience:

Research Technician   May 2005 - July 2005 , December 2005
- **Company:** Northrop Grumman: Panama City, FL
- **Job responsibilities:**
  - Assisted in updating their aircraft database.
  - Traveled to consult with software engineers.

Installation Technician   June 1999 - June 2002
- **Company:** Wattsound: Panama City, FL
- **Job responsibilities:**
  - Installed central audio systems, security, and satellite systems.
  - Troubleshooted customers problems.
  - Consulted with customers to help with purchasing decisions.