JOSE L. MORALES

4841 SW 13th St Apt. F222   (561) 386-0083
Gainesville, FL 32608   speedymorales5@yahoo.com

OBJECTIVE
   Seeking full time employment in the field of embedded systems upon graduation.

SUMMARY OF SKILLS
- Software development in Java, C++, C, C#, Visual Basic, RISC Assembly, MATLAB, XML, VHDL
- Hardware design using Altium Designer(PCB design), LTspice
- IDE tools including Eclipse, Netbeans, Visual Studio
- Microprocessors, Atmel ATMEGA & AVR32, Microchip PIC, Texas Instruments MSP series, Motorola68HC12

EDUCATION
   Bachelor of Science   Dec 2009
   MAJOR: Computer Software Engineering   **UPPER DIVISION GPA:** 3.3/4.0
   University of Florida. Gainesville, FL

RELATED COURSE WORK

Design Patterns	*Microprocessors (68HC12)*	*Object Oriented Design*
Modern C++	Junior design (other MCUs)	Computer Networking
Computer Programming Using Java	Digital Design (FPGA)	Numerical Analysis
Data Structures	Digital Logic	Software Engineering

RELEVANT PROJECTS
   Subjugator08 and Subjugator09
      Developed Software for fully autonomous underwater submarine
      Used MS Robotics Studio Framework in C#
   Real Time Role Playing Game
      Emphasis on Object Oriented Design
      Emphasis on Software Development Model
   Self-initiated Design Project of Single Wheel Balancing Skateboard
      Using an ATMEGA128 processor
      Designed 5 Degree of Freedom IMU circuit
      Kalman Filtering IMU data for balance
      Designed 70 amp Motor Driver circuit

EMPLOYMENT
   Student Assistant. Engineering Student Affairs. Summer 2005 – Present
      Manage website and assist in coordination and implementation of student programs
   College of Engineering Summer Camp Instructor
      Designed and taught hands-on math modules for middle school students
   Lead Mentor. GatorTrax. Summer 2005 – 2008
      Role model for middle and high school students
      Created science experiments that demonstrate math concepts for young students
   Instructor. Salsa Dance Instructor. Summer 2007 – Present

LANGUAGES
   Fluent in Spanish

PROFESSIONAL ASSOCIATIONS
   Member of the Society of Hispanic Professional Engineers
   Member of the Machine Intelligence Lab