

Antonio Farias

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Status: U.S. Citizen

OBJECTIVE

To obtain a full time position in the electrical engineering field.

EDUCATION

University of Houston, Cullen College of Engineering, Houston, Texas

08/2004 – Present

§ Bachelor of Science, Electrical Engineering

December 2007

Courses Taken

§ Digital Electronics

§ Principles of Internetworking

§ Advanced Digital Design (FPGA)

§ Computer architecture and Design

§ Embedded Microcomputer Systems (HC12)

§ Circuits and Systems

§ Microprocessor Systems (HC12)

§ Data Structures

§ Automatic Control Systems

§ C++ Object Oriented Programming

§ Physics Principles of Solid State Devices

§ Fundamentals of Operating Systems

§ **Senior System Design:** Using accelerometers and a custom designed LabVIEW application to animate and control a software 3D model of a person and the Lego NXT Robot to mimic the 2-D motion of the extremities of the human subject.

WORK EXPERIENCE

University of Houston, School of Communications, Houston Texas

§ Computer Lab Assistant

January 2006-Present

Provide assistance to students in a computer lab environment (Macintosh); monitor computing equipment and assist with various lab-related functions.

Intermetals Company, Inc., Houston Texas

§ Computer Technician

June 2005- December 2005

Provide both technical and clerical assistance to staff. Duties comprehended assignments in troubleshooting computer related problems and filing documents related to daily workload.

University of Houston, Texas Institute for Measurement, Evaluation and Statistics, Houston Texas

§ Office clerk

January 2004- May 2005

Assisted on data verification, validation, and data entry to a computer system for further processing.

TECHNICAL SKILLS

Operating Systems: Microsoft Windows, UNIX, Linux, Mac OS X.

Programming Languages: C, C++, LabVIEW, HCS12 Assembly, HC12 C, Verilog HDL, FORTRAN, MATLAB, Visual BASIC, Windows' API, and PHP.

Software Applications: Microsoft Office, CodeWarrior, Quartus II, PSpice, Visual Studio, AutoCAD.

Databases: MS SQL Server, MySQL, Microsoft Access.

Hardware: Skilled in assembly, troubleshooting, and analysis of many types of electronic devices and components.

Languages: English and Spanish (native).

AWARDS

§ Mention, Dean's Honor List for Spring 2007

PROFESSIONAL DEVELOPMENT

§ Member, Institute of Electrical and Electronics Engineers