

Terence Honles

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Objective

To find a technical position in which opportunities exist to create new tools, empower future engineers, and change the way people live.

Experience

Microsoft Exchange Server Product Group June 2007 – September 2007 & July 2008 – September 2008

Software Development Engineer in Test Intern Redmond, WA
Researched and broadened the set of Exchange Server testing tools. Created, authored, and rewrote server quality control tests

UCLA Undergraduate Admissions Office February 2007 – Current
Head Student – UARS IT Westwood, CA

Maintained the integrity of software and security on office computers. Suggested and implemented revisions to Admissions website. Authored C# software to automate & facilitate daily tasks.

Teledyne Technologies / Rockwell Scientific July 2006 – September 2006
Intern – Programmer Camarillo, CA

Designed software tools to control the visible spectrum imaging sensor for unmanned aerial vehicles, designed and constructed transmitter housing, wrote Verilog code for next generation sensor.

Rockwell Scientific December 2004 – September 2005
Intern – Programmer Camarillo, CA

Installed hardware on lab computers, created tests to configure and test installed hardware, updated and maintained specialized imaging sensor control software.

Education

University of California, Los Angeles – Pursuing a B.S. in Computer Science – Expected Graduation: June 2010

Major Coursework Completed as of December 2008:

- Algorithms & Complexity
- Artificial Intelligence
- Compiler Construction
- Computer Graphics
- Computer Network Fundamentals
- Computer Organization & Assembly (MIPS)
- Computer Science (2 courses)
- Computer Systems Modeling
- Database Systems
- Digital Design (4 courses)
- Discrete Structures
- Engineering (2 courses)
- Formal Languages & Automata
- Programming Languages
- Operating Systems

Skills

Software Skills *Documentation:* Microsoft Office & L^AT_EX
– *Development:* Visual Studio, Vi, Eclipse, Adobe Flash, Borland Delphi & RSI IDL
– *Design:* Adobe Creative Suite, Inkscape, 3D Studio Max, Blender, Solid Works & AutoCAD
– *Operating Systems:* Windows (XP – Vista), Mac & Linux (SUSE)

Programming & Markup Languages *Assembly:* MIPS & x86
– *Desktop:* C, C++, C#, Java, ML, LISP & Python
– *Web:* C#, Python, PHP, HTML, CSS, JavaScript & Action Script

Hardware Skills *Personal Computers:* Hard drive, memory, LCD, etc. repairs & replacements
– *Hardware Description Languages:* VHDL, Verilog

Honors

- Eagle Scout – Boy Scouts of America
- Graduated with Honors from Camarillo High School, 2005
- Who's Who Among American High School Students, 2002-2005

Professional Organizations

- Center for Excellence in Engineering and Diversity
- Society of Latino Engineers and Scientists

Activities

Biking, Climbing, Hiking, Programming, Reading, Running, Sailing, Skateboarding, Snowboarding, Surfing, Wakeboarding

Personal

U.S. Citizen – Willing to relocate