Andrew D. Curtin

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U.S. Citizen

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Objective

To obtain an internship in the computer industry.

Education

University of Michigan, Ann Arbor, Michigan — Expected Graduation: December 2012
Majors: Computer Science Engineering and Electrical Engineering
GPA: 3.23

Key Courses Completed:	Data Structures and Algorithms	(EECS 281)
	Foundations of Computer Science	(EECS 376)
	Introduction to Logic Design	(EECS 270)
	Introduction to Signals and Systems	(EECS 216)
Current Key Courses:		
	Mobile Application Development	(EECS 441)
	User Interface Design Concepts and Techniques	(EECS 498)
	Introduction to Computer Organization	(EECS 370)

University of New South Wales, Sydney, Australia — July 2010 – November 2010

Work

Visual C Programmer

University of Michigan Hospital — April 2010 – July 2010
Radiology Research Department — January 2011 – present

- Added features, found and fixed bugs in a program primarily used for recording locations of lesions in CAT scan, MRI, and Ultrasound Images.
- Designed and implemented an extensible interface to export data to other programs
- Initiated and implemented upgrades to programming computers to enable used of medical grade equipment to enhance and simplify testing.

Computer Skills

Hardware: Intel PCs, Macintoshes, Intel Servers, Sun SPARCstation
Operating Systems: Windows (7, Vista, XP), Mac OS X (10.4 -10.7), Linux (Ubuntu, Chrome / Chromium OS)
Languages: C++, C, AVR Assembly, MATLAB, TI-BASIC, E100 Assembler

Class Projects

- Programmed a Music Synthesizer in assembler as part of a team
- Implemented a digital circuit to interface with an NES video game controller

Personal Projects (more at adcurtin.wordpress.com)

- Built a microcontroller driven LED display
- Set up a Windows file server with multiple RAID arrays (0,1,5,10)
- Installed 5+ home networks (wired and wireless)
- Discovered how to repair and created step by step instructions on how to repair a malfunctioning rear projection DLP TV on Instructables (http://tinyurl.com/colorwheelfix)

Activities

University of Michigan Computer Science Engineering Scholars — 2009-present