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VIRAJ SANGHVI

Objective	Seeking a full time software development position related to web development and data/information systems.		
Education	2004 – Current	University of Illinois at Urbana-Champaign	Urbana-Champaign, IL
	<ul style="list-style-type: none">▪ B.S., Computer Engineering, with minor in Business Administration▪ Expected Graduation: May 2008▪ Cumulative GPA: 3.6/4.0		
Work Experience	01/06 – 08/06, 05/07 – 08/07	AMD (Advanced Micro Devices)	Austin, TX
	Co-op Engineer - Yield Team - Product Development Engineering (PDE)		
	<ul style="list-style-type: none">▪ The Yield Team identifies yield signals, quantifies their impact, and determines causes and solutions to issues▪ My duties included developing tools for the collection, presentation, and analysis of data, automation of data retrieval, and the development of other tools to support the team▪ Developed MVC web application framework allowing for integration of existing modules, error/usage tracking, rapid development, and standardization▪ Extensive use of Perl, PHP, R, SQL, MySQL, and Oracle; worked in group environments▪ Co-op of the Semester, Spring 2006		
	09/04 – Current	ACDIS (Arms Control, Disarmament, and International Security)	Champaign, IL
	Department Webmaster		
	<ul style="list-style-type: none">▪ Currently redeveloping the department's web presence; implementing an original framework and CMS▪ Developing the university's renewable energy web presence		
	06/05 – 08/05	Northwestern: CTD (Center for Talent Development)	Evanston, IL
	Teaching Assistant		
	<ul style="list-style-type: none">▪ Helped teach C++ and Python to gifted teenagers in an accelerated program▪ Course content similar to that of a first semester college course in computer science		
Activities/Projects	06/03 – Current	Penguin Revolution Studios – http://www.penrev.com	Skokie, IL
	Founder/Owner		
	<ul style="list-style-type: none">▪ A personal web development and computer services company for hire turned umbrella company for personal and group projects:<ul style="list-style-type: none">▪ aptsaurus.com – Easy to use campus Apartment/Maps mashup; official UIUC launch this October▪ breadtrackr.com – Expense and income tracking and analysis tool; alpha released▪ plotchicago.com – Events/Calendar/Maps mashup to help plan outings in the city; in development▪ Fantasy basketball statistics projector – Projects player statistics from past performances using different regression models and indicates the most accurate model		
	3/05 – 12/05	Independent Study Project: Online Lecture Viewer	Urbana, IL
	<ul style="list-style-type: none">▪ Provided method to hear audio from lectures with corresponding slides (Flash, Actionscript, Perl)		
Interests/Skills	<ul style="list-style-type: none">▪ Implementing and manipulating interesting data analysis tools and information systems▪ Familiar with x86 Assembly, C, C++, Java, Visual Basic, Perl, Python, PHP, R, OCaml, SQL, MySQL, Oracle, VHDL, HTML, XHTML, XML, CSS, JavaScript, AJAX▪ Experience with Windows, Mac OSX, and Unix/Linux environments▪ Familiar with Microsoft Office, Microsoft FrontPage, Metrowerks CodeWarrior, Microsoft Visual Studio, Macromedia Studio, Adobe Studio, GDB, CVS, Subversion, Xilinx, ModelSim, Microsoft Virtual PC, NetBeans IDE, Eclipse		
Related Coursework	<ul style="list-style-type: none">▪ Taken: Intro to Computer Science, Data Structures & Software Principles, Intro to Electrical & Computer Engineering, Analog Signal Processing, Computer Engineering I, Introduction to Electromagnetic Fields, Digital Systems Laboratory, Computer Systems Engineering, Analysis of Data, Database Systems, Computer Organization and Design, Fundamentals of Accounting, Corporate Finance, Principles of Marketing▪ In Progress: Intro Data Mining, Software Engineering I, Programming Languages and Compilers, Management and Organizational Behavior▪ Future Courses: Elements of Solid State Electronics, Intro to Text Info Systems, Principles of User Interface Design, Software Engineering II		
Recognition	James Scholar College of Engineering Dean's List		