Marilyn C. Cole

350 Price Avenue
Athens, Georgia 30606
404-226-0394

http://marilynccole.com
marilyn@gtf.org

Objective

A position in an organization that values and appreciates a love of computing, and at which a commitment to overall excellence is needed, in development, design, and communication.

Education

M.S. Computer Science, New York University, 2006 - 2008
B.S. Computer Science, Georgia Institute of Technology, 1999 - 2003

Employment History

Software Engineer, July 2013 - current
Software Engineer in Quality, 2011 - 2013, Web Developer, 2010, Implementations Quality Analyst, 2009
Digital Insight (a division of Intuit, 2007 - 2013, now a division of NCR), Athens, Georgia
Rapid promotions through web and software development teams. Currently one of a small team revamping the process through which our core digital banking product is installed.

Graduate Research Assistant
University of Georgia, Athens, Georgia, Fall 2008 - Fall 2009
C++ development for hyperspectral imaging using high-speed acquisition and processing.

Research Engineering Intern
Google, New York, New York, Summer 2007
Used Machine Learning algorithms to innovate and successfully improve Google Local data.

Systems Engineer
Livewire, Inc., Atlanta, GA, Fall 2003 - Spring 2006
Embedded real-time systems development: MPEG decoding, graphics, and communications.

Teaching Experience

Instructor, Musicomputation [http://musicomputation.com]
New York University, New York, New York, Summer 2008
Developed curriculum, lectured, supervised labs on computer science and computer music to students 12 to 17. Work presented at ACM Creativity & Cognition Conference, 2009.

Teaching Assistant, V22.0310-001 and 002: Basic Algorithms and Basic Algorithms Honors
New York University, New York, New York, Spring 2007

Skills

Programming Languages Java, JavaScript, Python, Ruby, C, Perl, C++, x86 assembly.

General Computing Windows and Unix-based systems (specifically Mac OS X and Ubuntu and Debian Linux); database experience with multiple varieties of SQL; version control in Perforce, CVS, SVN, and git; web-application development with HTML, CSS, jQuery, Ruby on Rails, PHP, and Adobe Photoshop.

Natural Languages Conversational French, basic Spanish.