Marilyn C. Cole

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Education

M.S. Computer Science, New York University, 2006 - 2008

B.S. Computer Science, Georgia Institute of Technology, 1999 - 2003

Employment History

Sr. Software Engineer, 2015 - current

Software Engineer, 2013 - 2015

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

Continuing pattern of boosting efficiency and internal collaboration through great internal tools, now for our best-in-class mobile development teams and those who deliver their work to our customers.

Research Engineering Intern

Google, New York, New York, Summer 2007

Used Machine Learning algorithms to innovate and successfully improve Google Local data quality. Code implemented in Python and deployed dynamically with JS.

Software Developer

Micro Office, Inc., New York, NY, 2006 - 2008

Indepently drove automated scheduling tools and contract creation algorithms using Perl, PostgreSQL, XML/XSLT and other web development for an exciting start-up.

Systems Engineer

Livewire, Inc. (now Nagra), Atlanta, GA, 2003 - 2006

Embedded real-time systems development with ANSI C. MPEG decoding, graphics manipulation, and communications managed and organized within major time and space restrictions.

Teaching Experience

Instructor, Musicomputation [http://musicomputation.com]

New York University, New York, New York, Summer 2008

Developed curriculum, gave lectures, and supervised labs introducing computer science, computer music, and Processing to students 12 to 17. Work presented at ACM Creativity & Cognition Conference, October 2009.

Teaching Assistant, V22.0310-001 and 002: Basic Algorithms and Basic Algorithms Honors

New York University, New York, New York, Spring 2007

Walked students through rigorous in-class demonstrations of understanding complicated algorithms in tree and graph theory, dynamic programming, and sorting complexity.

Skills

Programming Languages Java, JavaScript (NodeJS, Angular, MongoDB), Python, Ruby, C, Perl.

Natural Languages Conversational French and Spanish.