Marc Spehlmann

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Address
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I enjoy creating solutions to problems using software, and have experience
working with and leading teams.

Education	B.A., Computer Science	Masters, Computer Science
	Knox College. Galesburg, IL	University of Wisconsin. Madison, WI
	GPA: 3.9/4.0	Expected: June 2017

Related Experience

Software Developer Intern
Epic Systems.
Summer 2014

● Worked with another intern to create a test tool in C#
● Required writing COM, TCP/IP, and XML message interfaces
● Gathered requirements from test engineers and UI designers
● Iteratively released app, responding to user requests for features

Software Developer Intern
Teradyne, Inc.
Summer 2013

● Individually built several displays for electronic circuit debugging
● Translated code from VB6 to C#
● Tested the feasibility of switching to the WPF UI framework
● Experience working within a large business application framework

Computer Science Tutor
Knox College.
Since Fall 2012

● Tutor students in intro-level CS courses
● Generally teach data structures, search/sort algorithms, Java, etc.
● Teach small groups or revise with individuals

Projects

HPC NSF Research

● 3 weeks of paid research for a high performance computing project
● Solved bisection problems on large graphs using parallel techniques
● Continuing research applying genetic algorithms

Related Courses

Theory
● Discrete Mathematics, Linear Algebra
● Algorithm Analysis, Computational Complexity
Practice
● Software Engineering, Component Technologies, Networking
● Computer Design, Operating Systems, Artificial Intelligence,
  Cryptography
Online
● Machine Learning, Databases

Technical Expertise

Languages
● Java, C#, Ruby, C, PHP, Python, MATLAB, HTML\CSS, Mathematica
Frameworks/Technologies
● Android, Rails, Travis CI
Skills
● SVN, Git

Awards

Phi Beta Kappa member
Paul's Award in CS 2015
Graduated Summa Cum Laude
2012, 2014 ACM Programming Contest Participant