

Douglas E. Jeffries

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Objective: Not currently seeking employment

Education: **Bachelor of Science Computer Engineering and Computer Science, May 2003**
Rose-Hulman Institute of Technology, Terre Haute, IN
GPA 3.69/4.00

Skills:

- Experience with C/C++, Java, Visual Basic, Scheme, Assembly, HTML, PHP, Perl, Verilog
- Experience with Oracle database administration and relational database design
- Familiar with Microsoft Visual Studio, gcc, Matlab, Visio, AutoCAD, Xilinx Foundation Series
- Skilled with Microsoft Windows 9x/NT/2000/XP, Red Hat Linux, Solaris
- Strong teamwork and leadership abilities

Experience: **Logikos, Inc.**, Fort Wayne, IN June 2003 – Present
Software Engineer

- Cellular communication software for telematics project
 - Designed network protocols and hardware drivers to provide reliable communication over a cellular voice call
 - Implemented in C for the HCS12 microcontroller
- Verification of medical diagnostic software
 - Reviewed C source code and designed test plans for embedded medical application
 - Personally responsible for verifying SPI communication between TI and NEC microcontrollers

Roche Diagnostics, Indianapolis, IN Summer 2002
Process Improvement Intern

- Programmed Mitutoyo QuickVision vision measurement system in Visual Basic
- Designed and executed test method to determine effect of tension on resistivity of electrode

Rose-Hulman Institute of Technology, Terre Haute, IN August 2001 – May 2003
Oracle Manager, Computer Science Department

- Responsible for installation and administration of academic Oracle server
- Managed databases used by relational database courses and academic projects

AET Films, Terre Haute, IN Summer 2001
Summer Engineering Intern

- Updated custom Visual Basic application to estimate order statistics
 - Replaced hard-coded data with ADO database connection

Honors:

- Lilly Endowment Community Scholar

Activities:

- IEEE, member
- ACM, member
- Rose-Hulman Pep Band, member

References available upon request