

Joseph R. Coleman

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Career Objective:

To obtain work developing high-level software or software for embedded systems

Education:

Iowa State University – Ames, IA

Jan 2007 – Present

Bachelor of Science in Electrical Engineering

Minor in Computer Science

Graduation: May 2010

Cumulative GPA: 3.98

Skills:

- Programming Technologies: Java, VB, C/C++/C#, Assembly, HTML, XML, CSS, PHP, ASP, MySQL, PERL, BASH scripting, DOS batch, WSH, VBScript, JavaScript, VHDL, Verilog
- Software Proficiencies: MATLAB, Simulink, LabView, ModelSim
- PIC Microcontroller and FPGA programming and implementation
- Fluent in Spanish

Activities:

- Space Systems and Controls Lab (SSCL) - Software Engineer on the following projects: HABET, LABET, AJ, CySAT, MAVRIC
- ISGC - Software Engineer for Venus Chamber Project using LabView
- CARC - Cyclone Amateur Radio Club Officer

Work Experience:

Technical Consulting – Boone, IA

Feb 2003 – Dec 2006

- Created and maintained e-commerce web-sites using extensive integration of PHP and MySQL databases, as well as HTML, XML, CSS, CGI, PERL, and JavaScript
- Created VPN/Remote Access/Firewall solutions for clients
- Provided hardware, software and network administration for Windows 2000 and XP

IBP, inc. / Tyson Foods, inc. – Dakota City, NE

Mar 1999 – Feb 2003

Configuration Management Engineer

Aug 2001 – Feb 2003

- Created system software images for all IBP client systems (~2500 systems)
- Defined and performed software integration tests
- Automated software installations and support tasks using a variety of scripting languages and tools (VBScript, WSH, WMI, AutoIT, InstallShield, Windows Installer, DOS Batch, VB, IIS, SMS, Perl, PQ Drive Image Pro, Altiris)

Microcomputer Specialist

Mar 1999 – Aug 2001

- Provided final tier support for computer hardware, Windows NT, Windows 95, Novel Networking, MS Networking, MS Office, Lotus, IBM Personal Communications, Norton Anti-Virus, SMS, CICS Mainframe and AS/400 Account Management
- Created knowledge base documents for customers and support staff
- Selected to lead Y2K conversion projects for critical production systems

Honors/Awards:

Scholarships: Garmin ECE, NASA ISGC

Best Project Award for Com S 309 (Software Development Practices)