

## BEN STEVENSON

7213 Dome Rock Rd  
Littleton, CO 80125

(303) 973-5822  
stevenson\_benjamin@hotmail.com

### SUMMARY

Experienced software engineer with expertise in software and hardware interfaces. Demonstrated results in driver and application development in a variety of programming languages. Highly motivated to continuously gain knowledge in the latest technologies and programming on various platforms. Exceptional skills in:

- System Architecture
- Object Oriented Design
- Customer Relations
- Product Roadmap Development
- High/Low Level Programming
- Quality Assurance and Debug
- Product Training & Presentation
- Team Leadership

### TECHNICAL SUMMARY

<b>Hardware:</b>	Drivers, PCI Express, InfiniBand, PCI-X 2.0, PowerPC, FPGA, Printed Circuit Board
<b>Software:</b>	NetBeans, Eclipse, CVS, CM Synergy, TestStand, WinRunner, Virtual Rack, Various Office Suites
<b>Programming Languages:</b>	Java, C/C++, C#, Perl (TK), LabVIEW, TestStand, Virtual Rack, Matlab, Assembly, HTML, XML, CSS, SQL, VHDL, Visual Basic, Python, Various Scripting Languages
<b>Operating Systems:</b>	Linux, Solaris, UNIX, Windows 7, Windows Vista, WinXP, Win2000, WinNT, WinMe, Win98, Win95, DOS

### EDUCATION

Master of Science, Electrical Engineering - University of Colorado Denver, May 2007

Bachelor of Science, Electrical Engineering - Brigham Young University, April 2001

### PROFESSIONAL EXPERIENCE

LOCKHEED MARTIN – Littleton, CO

2007 - 2011

#### Software Engineer Staff

Certified Principal Engineer of Electronic Aerospace Ground Equipment Power Systems and Software Lead

- Lead engineer for new development and maintenance of test sets used to test satellite bus and payload.
- Designed computer controlled test systems.
- Wrote software and procedures to test all system attributes.
- Printed circuit board design.
- Amplified colleague's knowledge by providing training in difficult technical concepts.

- Debugged and maintained existing test set software.

LOCKHEED MARTIN – Littleton, CO

2004 - 2007

**Software Engineer Senior**

Developed and maintained software written in Java, C, C++, Perl, and LabVIEW.

- Wrote Java software applications.
- Developed instrument drivers in Java (JNI), C++, LabVIEW,
- Developed Perl TK suite to monitor various network attributes.
- Converted C, C++, and LabVIEW application into Java programming language.
- Developed and Maintained LabVIEW applications.
- Converted software from Unix to Linux platform.

IBM MICROELECTRONICS - Boulder, CO

2001 - 2003

**Engineer/Scientist (Development Engineer)**

Defined ASIC SOC architectures, core, and package requirements. Specialized in InfiniBand, PCI-X 2.0, PCI Express, miscellaneous cores, and ASIC technologies.

- Competitively aligned .11 um ASIC technology features by providing IT requirements as a member of ASIC product development team.
- Assisted in \$10 million sale of PCI-X bridge product by providing research-based responses to technical intellectual property inquiries.

NOVELL - Provo, UT

2000

**Software Engineer**

Developed test cases and tested interoperability of Novell products. Managed networks with multiple user platforms (Win2000, Win95, Win98, Linux, Solaris).

IBM - Provo, UT/Rochester, MN

1997 - 2000

**Failure Analysis Engineer**

Analyzed electronic card and component failures. Analyzed and improved manufacturing processes. Wrote SQL queries to access failure database.

**Software Tester**

Wrote WinRunner testing scripts and Lotus Approach database, developed test cases, built network configurations, and trained other testers.

**ADDITIONAL EXPERIENCE**

Advanced Analog Circuit Design Teaching Assistant, Brigham Young University  
Fluent in Russian

**ACTIVE SECURITY CLEARANCES**

SCI

**GRADUATE COURSE WORK**

Satellite Communications Systems, Digital Signal Processing, Power Applications, Circuit Board Design