

## B. Chad Adkins

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## Objective

Obtain a job where I will be able to use both my skills in Computer Science and Statistics to make a contribution and allow myself to gain experience in a professional environment.

## Education

- **Eastern Kentucky University (B.S. GPA 3.52 Cum Laude) (M.S. GPA 3.80)**

Master of Science Applied Computing, Statistical Programming	2005-2007
Bachelor of Science, Computer Science	2002-2005
Bachelor of Science, Statistics	2002-2005
Minor, Mathematics	2002-2005
- **Prestonsburg Community College/Mayo Technical College**

Associate of Arts, General Studies	2002
Cisco Certified Network Associate(CCNA) Expired 04	2001
- **SAS Certified May 2007**

## Skills

### ▣ Programming Languages & Software

C++	Java	Dot NET	Minitab	Apache Webserver
SAS	Unix	Flash	HTML/CSS	Windows
Windows	Dreamweaver	SQL	Javascript DOM	Windows Macros
MS Office	IA/32 Assembly	PL/SQL	ASP.Net	VbScript
VB.Net	C#	Transact SQL	SQL Server	Unix
Perl	PHP	Oracle	Mathematica	PostgreSQL
Ajax	Perl	Javascript		

### ▣ Computer Science/Software Engineering

UML	Structured Design	Relational Databases
Object Oriented Analysis	Blackbox Testing	PC Hardware
Object Oriented Design	Whitebox Testing	Computer Security

### ▣ Statistical Techniques

Hypothesis Testing	Non Parametrics	Sampling Distributions
Sampling	Statistical Analysis	Regression Analysis
Probability	Data Analysis	SAS/Minitab
Experimental Design		

## Related Work Experience

**Company:** Eastern Kentucky University

**Location:** Richmond, KY

**Position:** Institutional Research Analyst

**Dates:** Mar. 2006 - Present

### Duties/Projects:

- SAS, PHP, PostgreSQL, Apache, Javascript, Javascript DOM, Ajax, SQL, Windows Administration, Dreamweaver, HTML/CSS, Windows Macros, Vbscript
- Provide accurate data information to numerous entities via numerous technologies and formats to meet deadlines.
- Provide insight, skill, and experience on technological methods to make the office produce reports/information in various formats more quickly, efficiently, consistently, and accurately.
- Systems administration, Database Administration, and Web server administration.
- Moved the IR website to the new EKU web template putting my own style on the template giving the IR website individuality while keeping the overall structure of the

template.

- Created library of SAS Macros procedures to aid in programming, making SAS programming tasks more efficient because the programmer will not have to reproduce the same code over and over.
- Created web-based forms to request information from the IR office.
- Creating web-based system to produce numbers for enrollment, classes, and graduates. This will enable users to build their own tables without the need to make a request to the IR office. If a request does happen to come in then anyone in the office should be able to pull the numbers without the need to know SAS.

**Company:** Ashland Inc.  
**Location:** Lexington, KY  
**Position:** Systems Co-op  
**Dates:** Sept. 2005 – Mar. 2006

**Duties/Projects:**

- Windows Administration, Perl, PL/SQL, SQL, SQL Server, Oracle, Vbscript, Unix Administration, Windows Macros, Transact SQL
- Complete tickets on requests to rebuild databases, backup databases, and create database scheduled tasks.
- Use programming languages as necessary to complete takes at hand such as analysis of large text files and server administration to provide information to Sr. Level Administrators.
- Created Vbscript to add a network printer to a users machine without the need for a face to face visit.

**Company:** Eastern Kentucky University  
**Location:** Richmond, KY  
**Position:** ISMAM Research Fellow  
**Dates:** Aug 2004 – Jun 2005

**Duties/Projects:**

- Provide faculty with a resource in my area of study to help enrich learning by middle school students.
- Help strengthen partnerships between ECU and regional middle school.
- Be a role model and an example to young students at an impressionable age to show that they can make it in a higher level.
- Created a program to simulate an aerial view of a map and control a space rover with lines of code that the students enter. They had to plan their route though the map without destroying their rover.

**Company:** Sykes Enterprises  
**Location:** Pikeville, KY  
**Position:** Computer Research/Support  
**Dates:** 1999 - 2000

**Duties/Projects:**

- Provide computer support for customers with issues ranging from hardware, software, and connectivity.
- Researched issues that customers were having problems with and determined the best possible route for solving these issues.

**Company:** Southeast Telephone  
**Location:** Pikeville, KY  
**Position:** Computer Research/Support  
**Dates:** 1998 - 1999

**Duties/Projects:**

- Provide computer support for customers with issues ranging from hardware, software, and connectivity.
- Researched issues that customers were having problems with and determined the best possible route for solving these issues.

**References**

<u>Name</u>	<u>Department</u>	<u>Email</u>	<u>Phone #</u>
Dr. Patricia Costello	Statistics	<a href="mailto:Patti.Costello@EKU.EDU">Patti.Costello@EKU.EDU</a>	859-624-1302
Dr. Shuangteng Zhang	Computer Science	<a href="mailto:Shuangteng.Zhang@EKU.EDU">Shuangteng.Zhang@EKU.EDU</a>	859-622-1925
Dr. Chongkey Rhee	Computer Science	<a href="mailto:Chongkye.Rhee@EKU.EDU">Chongkye.Rhee@EKU.EDU</a>	859-622-2104

## **Professional Organizations**

Upsilon Pi Epsilon (Computer Science National Honor Society)

Kappa Mu Epsilon (Mathematics National Honor Society)

ACM (Association for Computing Machinery)

ISMAM ([www.ismam.eku.edu](http://www.ismam.eku.edu))

McNair Scholar ([www.ed.gov/programs/triomcnair/index.html](http://www.ed.gov/programs/triomcnair/index.html))

Statistics Club