

# Cole Brandon Hoosier

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**Objective** Full-time position in software development

**Education** **Kansas State University, Manhattan, KS**  
B.S. in Computer Science, 114 hours (May 2007)  
Minor in Economics  
\* *Maintaining a 4.00 GPA while working 30 hours/week* \*

Skills	Languages	Tools	Operating Systems
	C++	UNIX Shell Scripts	Linux
	C	GNU toolkit	Windows 2000/XP
	Python	Eclipse	MacOS X
	Java	Visual Studio	Solaris
	SML	L <sup>A</sup> T <sub>E</sub> X	
	OCaml	HTML	
	x86 Assembly	JSP	

Classes		
	Software Engineering Project I & II	Software Analysis and Design
	Computer Architecture and Organization	Operating Systems I
	Software Architecture and Design	Programming Languages
	Introduction to Formal Language Theory	Data and Program Structures
	Introduction to Algorithm Analysis	Database System Concepts

**Experience** **eXene Developer** **August 2006 – Present**  
*Computing and Information Sciences* Kansas State University

- Restructured text box widget for eXene toolkit written in SML/NJ to improve performance, expandibility, and functionality

**Software Engineering Intern** **Summer 2006**  
*Garmin International* Olathe, KS

- Developed software in C for embedded systems with ARM processors
- Implemented network support for a Windows-based simulator using WinSock
- Designed and created a new GUI feature for the Spring 2007 line of products

**Linux Specialist** **January 2004 – Present**  
*Computing and Information Sciences* Kansas State University

- Optimized backup infrastructure to *more-than-double* data throughput and provide greater security
- Co-authored and implemented automated deployment strategy for Gentoo Linux, facilitating installation of an entire lab of machines in *hours instead of days*
- Created self-service backup restoration web application, providing users with a significantly quicker turnaround

**Activities** Participated in joint faculty-student task force to revamp the Engineering Honors Program and increase its impact on the students it serves (Fall 2004 – Spring 2005)

Revived Kansas State Linux Users Group by organizing the group and coordinating events to promote open source software (August 2005 – May 2006)

*Updated:* March 13, 2007