

# Drew Cross

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## EDUCATION

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- MAY 2013    **University of Illinois**, Champaign  
Bachelor of Science - Computer Science  
(Expected)
- MAY 2010    **Black Hawk College**, Moline  
Associate of Science - Engineering Transfer

## COURSEWORK IN COMPUTER SCIENCE

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### Completed Courses:

CS 125: Introduction to Computer Science  
CS 173: Discreet Structures  
CS 231: Computer Architecture  
CS 225: Data Structures

### Currently Enrolled Courses:

CS 241: Systems Programming  
CS 232: Computer Architecture II  
CS 411: Database Systems

## WORK EXPERIENCE

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SUMMER 2012  
INTERN - SOFTWARE DEVELOPMENT ENGINEER  
IN TEST  
*Microsoft Corporation* - Seattle, WA  
Worked on Windows Server testing the Hypervisor subsystem.

JANUARY 2011 - PRESENT  
INTERN - IT/SYSTEMS  
*State Farm Insurance* - Champaign, IL  
Researched and developed new and innovative ways to improve the insurance industry through technology and software. Extensive focus on computer vision and augmented reality. Frequently worked with OpenCV and Point Cloud Library.

JULY 2004 - AUGUST 2010  
SHIFT MANAGER  
*McDonald's Corporation* - Geneseo, IL  
Responsibilities included: Systems efficiency, financial logistics, supply logistics, and personnel logistics.

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## PROJECTS AND AWARDS

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CURRENT  
Developing my own operating system from the ground up as a solo project.

AUGUST 2011  
Outstanding intern finalist for The University of Illinois Research and Development park. Nominated by management for outstanding leadership.

SUMMER 2011  
Member of a two person team that was tasked to increase the accuracy rates of a computer vision and recognition algorithm for State Farm.

SUMMER 2011  
Project Lead for a seven member team researching augmented reality for State Farm.

## MEMBERSHIPS

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**Ubuntu Bugcontrol Member**  
Debugged issues related to the Mozilla Firefox web browser. Gathered relevant information from users to aid in the debugging process.

**Association for Computing Machinery**  
Active member and volunteer.  
Chair of SIGSoft - Special interest group for software engineering.

## COMPUTER SKILLS

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Intermediate Knowledge:    C/C++ , Java, LINUX, Windows

Basic Knowledge:    OpenCV, PCL, Android, Subversion, Visual Studio, Eclipse, Git, L<sup>A</sup>T<sub>E</sub>X, x86 and MIPS Assembly ISA