

Jesse Young

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- OBJECTIVE** To obtain a full time position working with computer software and network systems where I can apply my education to solve real world problems.
- EDUCATION**
- ◇ **Illinois Institute of Technology (IIT)** Chicago, IL
B.S. Candidate in Computer Science & Engineering (August 2006 – May 2010)
GPA: 3.71/4.00
Scholarships and Honors:
 - Dean's List (August 2006 – present)
 - Henry T. Heald Merit Scholarship (August 2006 – present)
 - IIT Grant (August 2006 – present)
 - ◇ **McHenry County College** Crystal Lake, IL
Computer Information Systems (August 2003 – May 2006)
- EXPERIENCE**
- ◇ **Software Development Intern**, Software Technologies Group (June 2009 – August 2009)
 - Ported a ZigBee wireless mesh router to Jennic's JN5139 platform.
 - Created a device configuration utility in Python.
 - Worked on porting a ZigBee RS485 wireless serial cable replacement.
 - ◇ **Software Development Intern**, Cleversafe Inc (June 2008 – August 2008)
 - Developed an FTP-like interface to the project's filesystem.
 - Rework of *FileObject* path resolver and internals.
 - ◇ **Programmer and Team Leader**, eMotion Corporation (August 2007 – May 2008)
 - Managed resources, track budget, and monitor time lines.
 - Cooperated with team members to deliver web, desktop, and microcontroller software.
 - ◇ **Lead Programmer**, Robotics Team (August 2007 – December 2008)
Illinois Institute of Technology
 - Develop firmware and AI for an autonomous lawnmower.
 - Research and development of robot control software systems.
 - Orient new volunteers to the software system and hardware interface.
 - ◇ **Teaching Assistant**, Department of Computer Science (January 2007 – December 2008)
Illinois Institute of Technology
 - Administered, graded, and assisted students with laboratory assignments.
 - Courses:
 - Object Oriented Programming I, II
 - Computer Organization and Assembly Language
 - Data Structures and Algorithms
 - ◇ **Computer Lab Manager**, Office of Technology Services (August 2006 – December 2007)
Illinois Institute of Technology
 - Helped users operate computers and other lab equipment.
- SKILLS**
- ◇ **Languages**
 - Skilled in: C, Java, Bash, Python
 - Familiar with: C++, Ruby, L^AT_EX, PHP, OCaml, VHDL
 - ◇ **Operating Systems**, Linux, FreeBSD, Windows, MS-DOS
 - ◇ **Tools**, Subversion, Git, GCC, GDB, J2SDK, jflex, regular expressions
- ACTIVITIES**
- ◇ **President**, Association for Computing Machinery (December 2007 – December 2008)
Illinois Institute of Technology
 - Present on Computer Science topics.
 - Organization of events
 - ◇ **Presenter, Member**, Chicago GNU/Linux User Group (August 2006 – present)
 - Present and discuss topics relating to GNU/Linux.
 - ◇ **Community Member**, Arch Linux (June 2006 – present)
 - Maintain software packages in the Arch User Repository.
 - Development of testing tools.