

KELLY COLE

508 E Stoughton Street | Champaign, IL 61820 | (224) 730-0487 | kmcole2@illinois.edu

Education

University of Illinois, Urbana-Champaign (UIUC) — *Bachelor of Science, Computer Engineering* May 2016

Experience

Satco, Inc Glenview, IL
Corporate Director (former Student Intern) June 2008 – Present

- Reviewed technical drawings and strategic planning with leading boiler manufacturer Babcock and Wilcox
- Improved sales through customer engagement over the phone, IT support and website construction

UIUC College of Education Champaign, IL
Student Employee May 2015 – Present

- Created technical demos (using Microsoft Kinects and networking applications on large touch tables) for the launch of the IDEALL Lab, where research on technology and education will be conducted.

Amdocs Champaign, IL
Student Intern May – August 2015

- Developed a topology viewer that displayed important information regarding machines, nodes and processes to help gauge effected process groups in the event of failure and determine incident severity to ensure high availability on company servers

Extracurriculars

DelivExpress Sept 2014 – Present
Start-up Cofounder, Lead developer, Business Strategist

- DelivExpress was started jointly by UIUC engineers and UChicago MBA students to provide crowdsourced package delivery
- Conferred with professionals in the field and have entered various collegiate business competitions to seek funding

Alpha Omega Epsilon Initiate Dec 2013 – Present
Webmaster

UIUC Chinese Club May 2014 – Present
Co-Founder and VP of Administration

United States Naval Reserve Officer Training Corps (NROTC) Sept 2012 – 2014
Battalion Communications Officer (Webmaster), Squad and Ability Group Leader

Illini Union Board Dec 2013 – 2014
Director of Musicals and Drama

- Managed a team of thirty-five members to produce a large scale, sold out Broadway Musical, *Rent*

Notable Projects

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- Language learning software, Snow Problem (HackIllinois 15' Google's Best Hack)
 - Operating System (Computer Systems Engineering)
 - Interactive development (iOS/Web)
 - Coded and rigged a sensor system to make a small autonomous robot
 - Built an AM radio (analog signal processing)

Skills

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- **Computer:** HTML/CSS, C/C++14, LC3, Data Structures, Systems Programming, x86 Assembly, SystemVerilog, Microsoft Suite, Mathematica, SVN version control, Linux, Processing/p5.js
 - **Lab:** Oscilloscopes, function generators, TTL chip/breadboard circuit design, Arduino, FPGA
 - **Language:** Literate in Chinese (Mandarin)