Lisa Hobbs

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EDUCATION:

- University of Colorado, College of Engineering and Applied Sciences, Boulder CO ~ May 2015
  Bachelor of Science, Computer Science, Human-Centered Computing Track ~ 3. 4 GPA
  International Engineering Certificate in Spanish

SKILLS:

- Programming languages: Python, Java, C/C++, JavaScript, Ruby, Scala, MySQL, MATLAB.
- Web: HTML, CSS, Bootstrap, Flask Server, jQuery, Ruby on Rails.
- Experience with Android development and mobile security practices
- Experience with SaaS through Ruby on Rails
- Experience programming with the TCP/IP utility, nslookup.

PROFESSIONAL EXPERIENCE:

April 2014 - August 2014

Software Developer
Clearly Energy
- Wrote Bootstrap pages from designer mockups
- Refractor code for Ruby on Rails app
- Wrote JavaScript for effects on web pages
- Documented processes and standards
- Researched solutions to technical challenges

August 2012 - August 2013

Discovery Learning Apprentice for Smart Hospital Room project
University of Colorado
- Setting up model hospital room with Android tablet to control TV, fan and lamp.
- Developing face detection application to use as mouse on Android tablet.
- Developing application to control lamp using Bluetooth power cord from Android tablet.
- Deploying prototype into Denver Health Hospital.
- Presented poster presentation at University of Colorado and OurCS 2013
- Co-Author of "A Tablet Based Hands Free Interface in the Standard Hospital Room" and presented paper at International Conference for Engineering and Technology (ICET) 2013

June 2012 - August 2012

IT Intern for Computer Security Department
Colorado Department of State
- Built a Python GUI on top of a SQL backend to track and perform automated research surrounding malicious IPs for the Secretary of State's Information Security program. Program utilized nslookup to determine the source of different IP addresses. Showed initiative to learn Python without any assistance or teaching.
- Configured network analysis equipment for the State of Colorado's voter registration system. Wrote detailed Stand Operating Procedures to assist with future configuration and troubleshooting.
- Performed quarterly wireless audits to meet Payment Card Industry compliance.
- Tracked licensing for software and other Information systems purchases.

LEADERSHIP and AWARDS:

- Member of Society of Women Engineers (SWE)
    - Outreach Chair for CU Boulder chapter of SWE
        - Head of Outreach Committee
            - Coordinate K-12 outreach events including inspiring girls of all ages to pursue STEM fields through Cool Girls Arts and Science Club, local middle school and high school presentations and hands-on activities
            - During 2013-2014 academic year, coordinated over 30 events reaching over 700 children
    - Attended WE13 conference and presented "Because Dreams Need Doing'" about K-12 STEM Outreach
- Boulder Bilingual Preschool volunteer
- Hands-on science lessons to 5th grade class though education course
- Kindergarten and 1st grade Neuroscience lessons
    - Taught 7 classes in English and 6 in Spanish
- Kids ministry at Flatirons Community Church
- Member of University of Colorado Women in Computing (ACM-W Chapter)
    - Secretary for CU WIC
- Member of University of Colorado's Computer Science Undergraduate Advisory Committee
- Attended OurCS 2013 research workshop for women in computer science at Carnegie Mellon and built a text to speech talking clock from my voice
- Engineering BOLD Center Scholarship recipient
- Dean's List Spring 2012 and 2013
- Bronze Engineering Academic Award 2013