# Description: UL_primary_SPEED_2

# Andrew Combs

**Permanent:** 302 W Bellville St, Marion KY, 42064

**Local:** 621 Bellamy Circle Apartment 202, Louisville KY, 40208

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**OBJECTIVE** Third Computer Engineering/ Science Co-op Position **August 3 – December 18, 2015**

**EDUCATION** **Bachelor of Science in Computer Engineering/Computer Science** Expected May 2017

**Master of Engineering in Computer Engineering/Computer Science** Expected May 2018 *J.B. Speed School of Engineering, UofL, Louisville, KY* **GPA 3.5/4.0**

Dates attended 8/2012 - present Hours Completed: 79

*Responsible for 100% of tuition costs*

**SKILLS/ *Technical Skills/Relevant Coursework***

**COURSEWORK**

⦁ LabVIEW Programming

⦁ C, C++, C# and Java Programming

⦁ Web Design with HTML, CSS, PHP, Javascript, mySQL

⦁ Basic Electronics

⦁ MySQL and MS SQL CE Databases

⦁ Basic Sketch Up and Solid Works

**APPLIED Lead Programmer:** Lead a team to design, implement and debug control software for **EXPERIENCE** a FIRST Robotics Challenge robot using **LabVIEW**. Taught programming to incoming students. Member of Student Steering Committee during team restructure.

**Scouting:** Lead Eagle Scout service project to create outdoor class area for local elementary school. Designed class area in 3D CAD, coordinated with school officials, raised funds from community businesses, sourced materials, recruited volunteers and lead work days.

**Independent Project:** Website Design with **HTML**, **CSS**, **PHP**, and **Javascript**.

**WORK**  **CMI Inc / MPD Inc** Louisville, KY

**EXPERIENCE** *CECS Co-op*  January 2015 – May 2015 ⦁ Work with a team to maintain and update a **C#** application August 2015 – January 2015

⦁ Work with a team to maintain and update **MS SQL CE** databases

**Savvy Home Supply** Louisville, KY *Web Design*  November 2012 – Present

⦁ Design and develop company websites

⦁ Use **HTML**, **CSS**, **PHP**, **Javascript**, **jQuery** and **mySQL**

⦁ Design signage in **GIMP**

**Camp Crooked Creek BSA** Shepherdsville, KY *Merit Badge Instructor*  June 2012 – July 2012

⦁ Teach robotics and inventing merit badges

⦁ Use Lego Mindstorms NXT and Boe-Bot robotics platforms

**Self Employed** Livermore, KY *Lawn Care* May 2009 - Aug 2010 ⦁ Used various equipment to maintain lawns

⦁ Maintained up to eight lawns per week

# ACTIVITIES ⦁ Eagle Scout, Troop 421 BSA October 2013

# & HONORS ⦁ Member, Association for Computing Machinery (ACM)

# ⦁ Member, Gathering Campus Ministry ⦁ Hobbies include Developing Websites, Writing Programs in LabVIEW, and electronics projects with Arduino, Raspberry Pi, TI Launchpad, etc.

⦁ **Programming Team Lead** FRC Team 2783 2012-2013

⦁ **Student Steering Committee Member** FRC Team 2783 2013

# ⦁ Co Team Captain FRC Team 2783 2013