UNIVERSITY OF LOUISVILLE.
J.B. SPEED SCHOOL OF ENGINEERING

Andrew Combs
Location: Louisville, Ky
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EDUCATION

Bachelor of Science in Computer Engineering/Computer Science — May 2017
Master of Engineering in Computer Engineering/Computer Science — Jul 2018
Master of Engineering in Electrical and Computer Engineering — Expected Dec 2020
J.B. Speed School of Engineering, UofL, Louisville, KY — **GPA 3.85/4.0**

SKILLS

- Embedded C
- C# .NET Development
- Python, Node JS, and LabVIEW
- Web Design with HTML, CSS, PHP, Javascript, mySQL

- Windows, Mac, and Linux
- Basic Electronic Design and KiCad
- MySQL and MS SQL CE Databases
- Fusion 360 and Solid Works

EXPERIENCE

GE Appliances — Louisville, KY
Software Engineering Edison — Jul 2018 – Present
- Dish: Embedded Dev on MC Good, MC Best, and Cap Touch UI
- Service: SUM3 Embedded Dev and Hardware Integration Testing
- FirstBuild: Shabbos Keeper Updates for Cooking, Maker Faire
- Laundry: Embedded Dev, Failure Analysis, Hardware Integration
- Smart Home: Android/Java Dev on Connected App

CBS Interactive — Louisville, KY
Associate Web Developer — Apr 2018 – Jul 2018
- Front-end web development on CNET using HTML, SASS, Javascript, Twig, and PHP
- Collaborate using Agile methodology, Jira issue tracking, and Git version control

CMI Inc / MPD Inc — Louisville, KY
CECS Co-op — Spring 2015, Fall 2015, Summer 2016, Summer 2017
- Collaborate to maintain and update embedded C# application
- Collaborate to maintain and update MS SQL CE databases

Savvy Home Supply — Louisville, KY
Web Design — Nov 2012 – Nov 2015
- Design and develop company websites
- Use HTML, CSS, PHP, Javascript, jQuery and mySQL
- Design signage in GIMP

ACTIVITIES & HONORS

- Member of **3rd Place** Team at FirstBuild **Hack the Home**, 2018
- CECS **Arthur M. Riehl Award** Recipient, 2018
- **Vice President**, Association for Computing Machinery (ACM) UofL Chapter, 2017-2018
- Participant in Multiple Award Winning MLH (Collegiate) Hackathon Teams
- **Eagle Scout**, Troop 421 BSA October 2013
- Programming Team Lead and Co Team Captain FRC Team 2783 2012-2013
- Hobbies include Cooking, Construction/Home DIY, Woodworking, and Making (i.e., 3D Printing, Arduino, Raspberry Pi, etc.)