Brent A. Ufkes

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EDUCATION

University of Cincinnati, College of Engineering & Applied Science, Cincinnati, Ohio *May 2019*
Major: Bachelor of Science, Computer Engineering **GPA: 3.5 / 4.0**
- *Cincinnatus Century Scholar*: Recognized as being in the top 10% of the Fall 2014 Freshman Class.
- *CEAS Scholar*: Identified as a top incoming freshman in the College of Engineering & Applied Science.

Relevant Coursework: C++, Data Structures, Object Oriented Programming, Linux/Unix, Network Analysis, Digital Design, Engineering Models (MATLAB), Semiconductor Physics, Signals and Systems.

PROFESSIONAL EXPERIENCE

Siemens PLM, Milford, OH *Jan '17- Present*
Computer Engineering Co-op
- Developed back-end code to interact with the various data sources for an all-in-one internal dashboard.
- Revised existing C/C++ code, addressing possible security risks.
- Standardized the code check in process through a developer guide about using a static analysis tool on code prior to code commits.
- Wrote Batch/Bash scripts providing feedback on legacy code dependencies
- Presented progress to the department# regularly, displaying my progress for each of my projects

Premier System Integrators, Middletown, OH *Aug '15- Aug '16*
Computer Engineering Co-op
- Served as lead Human Machine Interface (HMI) designer on a project for an automobile corporation.
- Assisted in developing C# applications and Allen Bradley Programmable Logic Controllers (PLC).
- Modified existing hardware design of safety circuits, I/O placement, and various other panel layouts.
- Testing, debugging, and integration of systems designed by a team of company engineers.
- Worked side by side with team leaders to develop customized client programs for the improvement of worker and production efficiency.

Whit's Frozen Custard, Lebanon, OH *Aug '11- May '16*
Shift Supervisor
- Trained and all employees hired.
- Seamlessly managed store operations, payroll, stock, and scheduling functions.

LEADERSHIP & ACTIVITIES

Institute of Electrical and Electronics Engineers, Cincinnati, OH *Aug '14- Present*
Member
- Attended regular meetings to learn about advancements in technology from various industry leaders and network with peers.

Team Captain/Coordinator *Feb '12- Present*
- **Spartan Race** – Organized team training sessions for races throughout the year.
- **LHS Track and Field** – Instructed practice for groups of 5-20 other students for the High School team.
- **UC Competitive Recreational Soccer** – Team Captain for one of UC's few men's competitive teams.

Cincinnatus Volunteering, Cincinnati, OH *Apr '14 – Present*
- **Relay for Life** – Lead one of the highest fundraising groups at the University of Cincinnati.
- **Habitat for Humanity** – Regularly volunteered with the building of new and restoration of old homes.

SKILLS

Including:	Background in C++/Java/C#	Experience with Unix	Knowledgeable in PLC & HMI
	HTML, CSS, Javascript	Raspberry Pi & Various OS'	Professional Communication
	JQuery & AngularJS	SQL Database	Microsoft Office Suite