

Logan McPhillips

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Work Experience	Olin-Winchester, Lake City Army Ammunition Plant <i>Electrical Engineer</i> <ul style="list-style-type: none">➤ Program or modify PLCs or vision systems, and troubleshooting of industrial automation equipment➤ Implementation of motor drives, HMIs, servos, machine vision, and industrial networks for remote operation and monitoring➤ Create, quote, modify, and form operational procedures for electrical solutions/schematics of industrial automation equipment including AutoCAD prototyping	Independence, MO Feb '22 - Present
	Senior Design Project <i>Technical Lead</i> <ul style="list-style-type: none">➤ Design SLAM system to work with three separate devices simultaneously➤ Wrote Python and C code for ensuring correct maths for separate SLAM configurations	Kansas City, MO Aug '20 - May '21
	UMKC SCE Research <i>Research Assistant for Prof Rahman</i> <ul style="list-style-type: none">➤ Wrote C++/Java/Python code to analyze Xilinx series 5 FPGA➤ Organized and created directories for large projects	Kansas City, MO Jan '20 - Dec '20
Education	University of Missouri, Kansas City Bachelor of Science in <i>Electrical and Computer Engineering</i>	3.47 GPA
Other Experience	Homelab / Server Project <ul style="list-style-type: none">➤ Create home NAS and custom DNS resolution➤ Implement docker and VM network stacks for media server and remote VM access for network➤ AI implementation for autonomous camera operation and scripting for space savings	Nov 22' - Present
	UMKC GamerRoos <i>Team Leader</i> <ul style="list-style-type: none">➤ Coordinate scrimmages and competitive matches➤ Help, manage, compete in tournaments with my team	Jan '20 - May '21
	Fan Translators Int. <i>Team Leader</i> <ul style="list-style-type: none">➤ Coordinated bi-weekly meetings and delegated tasks➤ Created, hacked, and modified custom content on RS3DS/RSGBA	Oct '16 - Present
	ALDI <i>Associate</i>	Kansas City, KS Nov 20'-Feb 22'