

Mike Jones

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Education

West Virginia University Institute of Technology

Bachelor of Science, Electrical Engineering (ABET accredited)

Expected December 2018

Promise Scholarship

Dean's List: Spring 2015

Member, Institute of Electrical and Electronics Engineers (IEEE)

April 2016

GPA: 3.04/4.00

Projects

- *Monster Mower*, Individual Project July 2015 – Present
 - Modified a riding mower into a memorial project that sits over six tall with recycled Ford Ranger wheels and a car battery for higher current flow to operate lights and sounds
 - Converted a mechanical brake system into a hydraulic brake system to allow for more efficient braking due to the added weight
- *Unmanned Assembly Line*, WVU Tech, Junior Instrumentation Lab February – May 2017
 - Designed a programmable logic circuit (PLC) program using computer system, RSLogix-Micro, with two classmates, that does not require a person to operate
 - Spent many hours outside of lab troubleshooting program to design an error code response that disrupts assembly line when there is an issue in production
- *Stopwatch*, WVU Tech, Digital Logic Course April – May 2017
 - Combined digital logic chips and sequential counters to create a stopwatch set to count to 59 in binary with classmate
 - Engineered timing switches including a pausing a timer and a resetting the timer to reset at zero while making the transition to two 7-Segment displays
- *Lego Mindstorm Robot*, WVU Tech, Introduction to Engineering Course May 2015
 - Resolved issues with a robot by adding a rotating arm with an infrared laser, that guides the robot to its destination, so it can move the laser out of the way to avoid obstacles

Internship Experience

Warehouse Assistant, West Virginia Lottery, Charleston, WV

May 2016 – Present

- Supervise a communication crew of two while they construct new antennas that increase wireless communication strength throughout the city
- Install speed bumps in a parking garage with two co-workers using hammer drills, impact guns, wrenches, and concrete anchors
- Update and organize Material Safety Data Sheet books per OSHA guidelines

Additional Experience

Clerk/Attendant, Sam's Club, South Charleston, WV

July 2015 – April 2016

- Maintained and cleaned parking lot including entrances and exits, and the cart storage garage
- Assisted customers by unloading and loading whole sale items from shopping carts to vehicles
- Collaborated with a team of six other workers to accomplish tasks such as filling the garage with carts and removing carts that were blocking exits and other parking spaces