

JOHN D. WRIGHT II

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Education:

<u>University of Houston - Cullen College of Engineering</u> , Houston, TX Bachelor of Science in Electrical Engineering GPA: 3.461, Expected Graduation December 2018	2014-Current
<u>Lone Star Community College</u> , Houston, TX, Bachelor of Science, GPA: 4.0	2013-2014
<u>Universal Technical Institute</u> , Houston, TX Ford Accelerated Credential Training (FACT), GPA: 4.0 Automotive & Diesel Technology Program, GPA: 4.0	2013 2011-2013

Professional Experience:

<u>CenterPoint Energy</u> , Houston, TX Co-Op Student Engineer	Jan 2016-Aug 2016 May 2017-Aug 2017
<ul style="list-style-type: none">• Served as an active team member in the design of 35KV and 12.5KV electrical vault and pad mounted services.• Utilized CAD to design and share with peers and customers.• Contributed to various relay circuit standards to be used in the field.• Performed fault analysis based upon recorded data to determine dist. grid problem areas.• Evaluated existing equipment performance and implementation to ensure correct behavior or suggest improvements.• Communicated findings in an elaborate yet concise and clear manner.	
<u>O'Reilly Auto Parts</u> , Houston, TX Night Manager (Retail Service Specialist)	Jan 2014-Feb 2015
<ul style="list-style-type: none">• Conducted tests to diagnose electrical components.• Suggested potential sources of problems and solutions.• Managed logistics of resources and supplies, controlled expenses, accountable for equipment and monetary funds.• Trained employees.• Promoted to Manager in less than 90 days from counterman.	
<u>U.S. Army</u> , Fort Richardson, Alaska & Afghanistan Wheeled Vehicle Mechanic – Airborne Status	Jul 2007-Nov 2011
<ul style="list-style-type: none">• Inspected, diagnosed, and repaired vehicle electrical and mechanical systems; maintained fleet readiness of at least 90%.• Analyzed circuit and computer functions, diagrams, and electrical signals.• Filled higher positions of leadership while respective leadership was removed.• Streamlined processes and optimized efficiency to better meet goals.	

Technical Skills

- Operating Systems: Windows 98 through 10; OS X Leopard through Sierra.
- Software & Equipment: MicroStation (CAD), ProjectWise, SynchroWAVE, MS Office, Lab View, MATLAB, Simulink, C/C+, Assembly, Arduino, Oscilloscope, Multimeter.
- Experience interpreting and understanding signals; analog and digital.
- Five years of leadership, training, and supervisory experience.

Honors, Awards and Achievements

- Dean's list, University of Houston – Cullen College of Engineering, 2015, 2017, 2018
- Dean's list, University of Houston - College of Technology, 2014.
- Recipient of Transfer Student Excellence Scholarship, University of Houston, 2014.
- Dean's list and Student of the Course, Universal Technical Institute, 2011-2013.
- Army Achievement Medal, Accommodation Medal, Good Conduct Medal.

Projects

- Designing a linear actuator control system with feedback (software & hardware), to be used in the research of muscle and tendon performance.
- Planned and designed connection to secondary power grid for the deployment of a cellular antenna network in downtown Houston.
- Designed or contributed to multiple electrical service plans for KISD, CFISD, Elyson Recreation Center, Fairfield Town Center, Chase bank, Wendy's.

Other

- Desire to learn new things, create, design, troubleshoot, diagnose, & problem solve.
- Achieved certifications in A5 Automotive Brakes and A8 Automotive Engine Performance from the National Institute of A.S.E.
- EPA 609 Certified.
- O'Reilly Auto Parts Certified Parts Professional (CPP).