

# Michael W Turner

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Experience	<b>Missouri S&amp;T Electric FSAE Team</b>	Aug 2015 – present
	<b>Chief Information Officer</b>	Aug 2018 - present
	<ul style="list-style-type: none"><li>• Built Linux server to run Wiki for long term knowledge transfer</li><li>• Led new members through electrical projects</li><li>• Designed interference resistant data acquisition board for dyno</li><li>• Worked with leadership to hit record recruitment numbers</li></ul>	
	<b>Camp Coordinator</b>	July 2017 & 2018
	<ul style="list-style-type: none"><li>• Created camp activities and curriculum</li><li>• Taught class on entry level circuit design</li><li>• Managed campers throughout daily activities</li><li>• Shot promotional video: <a href="https://tinyurl.com/y9rrrcej">https://tinyurl.com/y9rrrcej</a></li></ul>	
	<b>Chief Electrical Engineer</b>	Aug 2017 – Aug 2018
	<ul style="list-style-type: none"><li>• Planned year-long projects by closely working with teammates</li><li>• Used Troubleshooting skills to ensure car stays in reliable, running condition</li><li>• Designed advanced drag reduction system using multiple engineering disciplines</li><li>• Designed Trackside Telemetry, Programmed car to send UDP packets, set up WiFi network, configured Linux server to display driver and car performance</li></ul>	
	<b>Junior Electrical Engineer</b>	Aug 2015 – Aug 2017
	<ul style="list-style-type: none"><li>• Used telemetry to gather data, Python to model actual race conditions to quantify cooling system design goals, with data collection system to verify performance</li><li>• Designed car-driver dashboard interface utilizing CAN, C++ and graphical design skills</li><li>• Self taught skills to meet team needs</li><li>• Welded steel space frame</li><li>• Created Battery Management 'patch' board to fix car weeks before competition</li></ul>	
	<b>WANSecurity inc.</b>	Dec 2012 – Nov 2013
	<b>NOC Engineer</b>	
	<ul style="list-style-type: none"><li>• Used Linux/GNU on daily basis for systems administration</li><li>• Provided technical support in help desk environment for server hosting customers</li><li>• Configured layer 3 switches to provide private networks for customers</li><li>• Designed PXE server to speed up server deployment</li></ul>	
Education	Missouri University of Science and Technology B.S. Electrical Engineering	Aug'15 - Dec'18