

Noah Niedzwiecki

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OBJECTIVE	<i>Senior year Computer Engineering student at Auburn University. Energetic, hard-working, and consistent. Seeking full time employment in a challenging and innovative engineering environment where I can apply my skill set to create professional solutions</i>	
EDUCATION	Auburn University <i>Bachelor of Science, Computer Engineering(CE)</i> Expected Graduation : Fall 2019	GPA: 3.04
TECHNICAL SKILLS	Languages : Python, C++, C, VHDL, Matlab Database : MySQL, SQLite Tools : Autodesk Suite, Wonderware InTouch, Visual Studio, Git Familiar : Java, Javascript, HTML, CSS, C#, Visual Basic General : Additive Printing and Design, Electrical Test Equipment, SMD Soldering	
EXPERIENCE	Undergraduate Research Assistant:	Fall 2016 - Present
	<ul style="list-style-type: none">• Test instrument usage/programming experience: oscilloscopes, network analyzers, signal generators, switch matrices• Complete PCB design and assembly using KiCad and hot air rework station• Front-end/back-end software and hardware development for electronics testing automation• SQL database design and implementation in continuously monitored systems• Transistor test data processing and visualization through Matlab	
	Decostar Industries:	Summer 2016
	<ul style="list-style-type: none">• Automotive Manufacturing Paint Technician Intern• Wastewater handling solution developed with Allen Bradley PLC• Utilized AutoCad Electrical to map, label, and update electrical cabinets' wiring• VB.Net paint management application written to log data to a local SQL server	
	Sunfish LLC:	Summer 2017 - Present
	<ul style="list-style-type: none">• Property Manager• Manage 10 rental properties by advertising and filling vacancies• Maintain safe, clean, and secure premises for all tenants• Communicate with tenants to streamline maintenance completion and cultivate customer satisfaction	
PROJECTS	Student Project and Research Committee	Fall 2016 - Present
	<p>Auburn's Student Project and Research Committee is a student led organization at Auburn University that creates and fosters an environment of creativity and innovation through collaborative projects</p> <ul style="list-style-type: none">• Leadership: Lab Manager 2016-2017, Director of Public Relations 2018-Present• 2019 IEEE Robotics Competition : Robot Localization using LIDAR, IMU, and SLAM algorithms in a ROS environment• Music Synthesizer : Microcontroller powered, 3 voice, music maker. SPI controlled function generators, 8-step sequencer, bandpass filter, and TFT screen	

