

Krishna Lella

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Education	Missouri University of Science and Technology (Missouri S&T) B.S. Electrical Engineering Minors: Computer Engineering, Mathematics	May 2018 GPA: 3.781/4.000
Work Experience	AT&T Inc. Data Science Intern <ul style="list-style-type: none">Worked towards optimizing technician dispatch processAnalyzed billions of data points to model work loadWrote R scripts to pull, process and filter dataDeveloped a prototype model to improve dispatch estimates by 32-90% National Aeronautics and Space Administration (NASA) International Space Station Training & Simulation Development Intern <ul style="list-style-type: none">Assisted simulation team in improving training of ISS flight controllersCompleted Payload Academy training processCollaborated with Payload Developers to create and maintain training coursewareWorked in a team to design a Europa deorbit stage solid rocket Dynetics Inc. Product Engineering Intern <ul style="list-style-type: none">Constructed and tested cable harness designs for productionCollaborated cable designs with coworkers using Agile PLMCreated a test port GUI in Python for a solid-state power amplifier	Dallas, TX Summer 2017 Huntsville, AL Spring 2017 Huntsville, AL Summer 2016
Project Experience	Better Campus Competition Team Lead <ul style="list-style-type: none">Lead a team to create a web app to educate students about on-campus restaurantsFostered an improved quality of eating on-campus for studentsBuilt a prototype to test and implement Missouri S&T Electrical Engineering Department Research Assistant <ul style="list-style-type: none">Studied generalized algebraic switched capacitor convertersUsed a network of capacitors to model a resistor via an Arduino board	Rolla, MO Fall 2015 Rolla, MO Fall 2015
Skills	R Python MATLAB	Web Development C++ Arduino VHDL AutoCAD SQL
Involvement	Student Grader – Circuits Mars Rover Design Team Solar House Design Team Kappa Mu Epsilon (KME) – Vice President Eta Kappa Nu (HKN) – Pledge Chair & Recording Secretary Delta Sigma Phi, Delta Epsilon Chapter Engineers Without Borders S&T Astronomical Research Society Miner Challenge Institute of Electrical and Electronics Engineers (IEEE)	