Krishna Lella

13210 Thornfield Ln.   636-634-7037
Saint Louis, MO 63131   sunny.lella@mst.edu

Education	Missouri University of Science and Technology (Missouri S&T)	May 2018
	B.S. Electrical Engineering	**GPA: 3.769/4.000**
	Minors: Computer Engineering, Mathematics	

Work Experience

AT&T Inc.
Dallas, TX
Data Science Intern — Summer 2017
- Worked towards optimizing technician dispatch process
- Analyzed billions of data points to model work load
- Wrote R scripts to pull, process and filter data
- Developed a prototype model to improve dispatch estimates by 32-90%

National Aeronautics and Space Administration (NASA)
Huntsville, AL
International Space Station Training & Simulation Development Intern — Spring 2017
- Assisted simulation team in improving training of ISS flight controllers
- Completed Payload Academy training process
- Collaborated with Payload Developers to create and maintain training courseware
- Worked in a team to design a Europa deorbit stage solid rocket

Dynetics Inc.
Huntsville, AL
Product Engineering Intern — Summer 2016
- Constructed and tested cable harness designs for production
- Collaborated cable designs with coworkers using Agile PLM
- Created a test port GUI in Python for a solid-state power amplifier

Project Experience

Better Campus Competition
Rolla, MO
Team Lead — Fall 2015
- Lead a team to create a web app to educate students about on-campus restaurants
- Fostered an improved quality of eating on-campus for students
- Built a prototype to test and implement

Missouri S&T Electrical Engineering Department
Rolla, MO
Research Assistant — Fall 2015
- Studied generalized algebraic switched capacitor converters
- Used a network of capacitors to model a resistor via an Arduino board

Skills

R	Web Development	VHDL
Python	C++	AutoCAD
MATLAB	Arduino	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)