Matthew W. Rudzinski

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College Address:
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OBJECTIVE

I am pursuing a career in mechanical engineering design and process improvement

EDUCATION

B.S. Mechanical Engineering, Expected graduation: May 2019
Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, VA
Overall GPA: 3.24/4.0   In Major GPA: 3.26/4.0   Last 2 semesters GPA: 3.56/4.0

EXPERIENCE

Specialty Product Technologies, *Engineering Intern*, Elizabethtown, NC
Co-Op, Fall 2017: Manufacturing Department
- Worked 40+ hours a week in manufacturing department at manufacturing plant
- Built a new manufacturing cell with improved efficiency and 5S
- Contributed in Kaizen manufacturing process improving events
- Utilized Toyota business methods to improve cell efficiency
- Designed and implemented manufacturing-process-improving fixtures

Internship, Summer 2018: New Product Development Department
- Developed proficiency in CAD programs through design and drawing changes
- Contributed in ongoing VA/VE events to save money without spending money
- Changed design on plastic molds to allow greater tolerances through implementation of crush ribs

International Paper, *Engineering Intern*, Eastover, SC
Co-Op, Spring 2016: Maintenance Department
- Worked 40+ hours a week in maintenance department at a paper mill
- Audited lubrication routes for entire mill as part of preventative maintenance
- EMAPP trained to identify and prevent safety issues
- Diagnosed lubrication issues on paper machine that could have caused down time
- Diagnosed recurring problem with felts on sludge press that was leading to down time and expensive repairs

Advanced Geolocation Solutions, *Engineering Intern*, Winter 2018
- Worked 40+ hours a week at small business
- Reorganized SolidWorks PDM to improve documentation
- Improved SolidWorks proficiency through drawing for fabrication and organizing files

COMPUTER SKILLS

Software:		Languages:	
SolidWorks	AutoCad Inventor	Java	MATLAB
MSFT Excel	ANSYS	C++	

LEADERSHIP

2Loud @ Virginia Tech – Team Leader, 2018
Omicron Delta Kappa – Leadership Organization, 2018

ACTIVITIES

Beta Theta Pi, 2016-2018:
Arduino & Android Studio Online Courses: working with microcontrollers and writing in Java
Galileo Engineering Community, 2014-2015

HONORS

Dean's List, Spring 2018 & Fall 2018
AP Scholar, 2014
CTE Recognition for Technology Education, 2014
NOCTI Certified, 2014