

Logan Nofsinger

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Education

August 2016 - Present	Vanderbilt University GPA: 3.74/4.0 <ul style="list-style-type: none">Expected graduation Fall 2019Mechanical Engineering. Engineering Specific GPA: 3.86Minor in Chinese Language and Culture.
Nashville, Tennessee	

Technical Skills

Conceptual Design	Analysis	Software Tools	Programming
<ul style="list-style-type: none">CAD Software (SolidWorks, AutoCAD Suite, Creo)Dimensional Tolerancing	<ul style="list-style-type: none">Metal and Wood Machining ToolsMaterials requisitionTechnical presentations/reports	<ul style="list-style-type: none">LabVIEWMicrosoft Office	<ul style="list-style-type: none">JavaArduinoMATLAB

Experience

Fall 2018 - Present	Frame and Drive Mechanical Subteam Lead, Vanderbilt Robotics Team <ul style="list-style-type: none">Role includes team organization, design, CAD, drafting, materials requisition, machining, assembly.
Fall 2013 - Spring 2016	Student Founder, Team Co-Captain, Louisville, Kentucky <ul style="list-style-type: none">Founder of Winner's Circle Robo Jockeys, a FIRST Robotics Competition TeamLed start-up business & fundraising efforts - collected \$35,000 from sponsors, \$20,000 in grants.
Fall 2018 - Present	Senior Capstone Project, DENSO Manufacturing <ul style="list-style-type: none">Project manager of mechanical/electrical engineering team on high power robotics project to design 400W Wireless Power Transfer System
Fall 2017	Final Project, Introduction to Design <ul style="list-style-type: none">Designed mechanically operated prosthetic wrist to enable pronation
Summer 2017	Instructor, Newton's Attic Engineering Education <ul style="list-style-type: none">Taught engineering classes to elementary through high school studentsClasses included woodshop, rocketry, robotics, electronics, and basic programming.
Spring 2018	Undergraduate Researcher, University of Canterbury <ul style="list-style-type: none">Designed microgrids and development schemes for Kabakaburi, Guyana.

Community Involvement

2016-2017	Member, Vanderbilt DIVE Committee Developed the Design as an Immersive Vanderbilt Experience (DIVE) program. Helped organize and lead DIVE's design thinking boot camps.
Summer, 2017	Tutor, Arbor Tutoring Agency
Summer, 2017	Volunteer, WaterStep Assembled chlorine and bleach generators to spread clean water and hygiene.

Awards and Recognition

ACADEMICS	Cornelius Vanderbilt Scholar, full tuition scholarship.
ROBOTICS	FIRST Robotics Competition Team Dean's List Nominee in recognition for starting new FRC team.
CHINESE	Critical Language Scholarship, summer 2018. Attained ACTFL OPI Advanced Mid Rank. Received National Security Language Institute for Youth scholarship, summer 2016. Received Confucius Institute Young Leaders Fellowship scholarship, May 2015.
BUSINESS	Kentucky Governor's School of Entrepreneurship, selected to participate in inaugural year, summer 2013.
SERVICE	Eagle Scout, Boy Scouts of America