

Adam Wagner

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EDUCATION

<i>Clemson University</i>	Clemson, SC
Bachelors of Science in Mechanical Engineering	Fall 2019
	GPA: 3.20/4.00
BSMS Program: Center for Advanced Manufacturing	Greenville, SC
	Fall 2019
Masters of Science in Mechanical Engineering	Clemson, SC & Greenville, SC
	Spring 2021

RELEVANT EXPERIENCE

Boeing BCA & BDS	Summer 2018
<i>Engineering and Manufacturing Intern</i>	Everett, WA

Worked in a manufacturing team assisting with anything from organizing customer requests and scheduling, design edits and presentations. I also worked in a Liason group which solved day to day issues with the production of the KC-46.

Worked on the 787 Landing Gear systems group where I improved wheel and brake sizing guide, assisted with a root cause investigation on two sub assemblies and presented several solutions, contributed to standardization of new landing gear system parts, and generally whatever needed my help.

Electrolux AB	Summer 2017 – Fall 2017
<i>Product Development CO-OP</i>	Anderson, SC

Worked in two design groups at a refrigeratio Design for Manufacturing manufacturing company assisting with creative design, rapid prototyping, and design for manufacturing for many new features from handle improvements, locking mechanisms, and multiple door designs. Helped with material choice and statistical analysis for upcoming parts and a root-cause investigation to improve aspects of cost and quality for new handle models. Applied for eight patents as a Co-Op group and individually completed a Six Sigma course.

Kanga Company	Summer 2019 - Present
	Greenville, SC

Marketing and Advertising Ambassador. I have also worked as a videographer, designer of several patterns for the product and helped organize the manufacturing Plant in Greenwood, SC. I have also worked in sales at tradeshow in Georgia, South and North Carolina, and Florida.

Sunset RV Inc	Summer 2019
	Sunset Beach, NC

The business is owned and operated by my Father, my Brother and I. I focused on sales, advertising, and managed all deliveries. Averaged selling five campers or Rvs per week.

PROJECTS

Coursework and Skills

Novus Program: Center for Advanced Manufacturing	Fall 2019 – Spring 2020
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Boeing Challenge Workshop	Spring 2019
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Created a workshop as a team that investigated tooling issues that were being faced company wide but also focused on the 787 assembly specifically. Completed research and generated several solutions with a human centered-design approach.

+Acumen: Introduction to Human-Centered Design Course

Spring 2019

Completed an online class that involved creating a design that was focused on improving the community. Our team chose to investigate the issue of parking on Clemson campus. Our Product Development class followed this process, focusing on how to design or manipulate an interview and the importance of empathy during early stages of design.

Coding Experience in Python, C++, Matlab

Design Experience in Solidworks & Catia

Personal Projects

Complete Restoration of 1941 Ford Truck with my Dad

Summer 2016

Writing Instructional E-Books

Summer 2018 – Present

In the process of completing and publishing the following books: “How to: teach your child to teach themselves”, “How to: Beat High School”, “How to: Thrive In College”. (Not Published)

Creating an Online University

Summer 2018 – Present

In the early stages of creating an Online University that offers CORE classes to students globally for as cheaply as possible. (Not Published)

Co-Creator of a Dating App – Poke

Summer 2018 – Present

In the process of acquiring funding for an app that my roommate and I started to connect people instantly through facetime as opposed to the standard dating app. (Not Published)

Co-Creator of a coupon App – Snip

Spring 2019

In the process of design and acquiring funding for an app that combines all fast food chains into a single app, which we hope to expand into more markets. Clemson University has accepted this idea as a product that we can test on Campus stores as the first prototype!

LEADERSHIP & ACTIVITIES

Clemson Formula SAE

Spring 2019

Design Lead

Clemson, SC

From my sophomore to junior year I was apart of Aerodynamics and Suspension subgroups. During Fall 2019 I worked under the previous Lead. The next semester I became the team Lead, I managed eight sub-teams, assisted in budgeting \$45,000. The team designed a vehicle that was aggressive and competitive, placing top 10 in Acceleration, Fuel Economy and Endurance events and top 20 in the Skidpad and Autocross Events.

Clemson Rocket Engineering

Fall 2018

Member

Clemson, SC

I spent most of my time in this group getting a CrashCourse of the different sub-teams, but focused on shadowing the Engineering Lead. I used how this group was setup as a template, in addition to what I learned in the SAE group, to run my teams.

First Program

Spring 2017 – Present

Mentor

Clemson, SC

Spent two days a week mentoring 2-3 Science, Math and Engineering majors. I created an outline on things like study tips, time management, general life advice; this program sparked writing the books mentioned above. All students I mentored have made deans list each semester and have also joined the program to become mentors.

Entrepreneurship Club

Spring 2018 – Present

Member

Clemson, SC

My roommate and I would attend these meetings several times a month to help spark some creativity and meet people to help improve our ideas for projects previously mentioned.

The National Society of Leadership and Success

Fall 2019

Member

Completed Community service that brought youth from local schools together to introduce leadership qualities and help them define what makes a leader, the path for their lives that would help engage these qualities. We also defined these qualities and paths for ourselves, focusing on being the most influential person in the workplace.