**SUMMARY:** I am a graduate from USC, hard-working, listens with attention and respect, team-player, determined to finish the work as provided, always willing to learn from previous and current experiences. Willing to ask questions, understands details through analysis, loyal to students, professors, and peers.

**EXPERIENCE**

WORK EXPERIENCE

*Tropical Smoothie Café, Crew Member,* AUG 2018-Present

* Adapted to a fast-paced working environment to prepare and make food, smoothies, and to clean the restaurant as required.

PROJECT EXPERIENCE

*Apex Power Tools*, SEPT 2017-MAY 2018

* Provided co-operation between the company and three classmates in developing a lubrication system for Advanced Drilling Equipment.
* Applied complex equations to build a theoretical schematic of the project (Bernoulli’s Equation, Ideal Gas Law, etc.)

*FIRST Robotics Student*, JAN 2012-MAY 2014

* Enlisted as a mechanical engineering role in developing the main structure of the Team 342 Robot, which requires completion in a time period of six weeks.
* Includes the building of a duplicate robot for testing the drivetrain, handling, speed, and functionality for the actual robot.

ACTIVITIES EXPERIENCE

People to People (P2P) Student (Australian Adventure) JUNE 2014-JULY 2014

* Completed 21 days of exploring and understanding the Australian culture throughout the eastern coast.
* Broadened my views on the differences in their respective economy and government in comparison to the United States.

P2P Student (European Heritage) JUNE 2013-JULY 2013

* Completed 21 days of understanding the European history across seven different countries (Austria, Germany, Switzerland, Belgium, Denmark, France, and England).
* Achieved a substantial understanding of their respective cultures.

**SKILLS**

*Programming:* Microsoft Office, PTC Creo, Anaconda-Jupyter, Alice, MATLAB, SMath, Maple 18

*Teamwork*: Conveys ideas to provide further understanding, completes work by deadline with high quality.

**EDUCATION**

University of South Carolina. Columbia, SC. Graduation Date: May 12, 2018

Awarded Bachelor of Science in Mechanical Engineering.

Cumulative GPA: 3.101. (Dean’s List from DEC 2014 - DEC 2015) (DEC 2017-Present)

Fort Dorchester High School. North Charleston, SC. International Baccalaureate Student

High School GPA: 3.984. (Awarded IB Diploma) Treasurer of the FDHS Chess Club.

PROFESSIONAL ORGANIZATIONS

American Society of Mechanical Engineers Member, AUG 2016-MAY 2018

Hispanic Society of Professional Engineers Member, AUG 2016-MAY 2018

Phi Sigma Theta Member, JAN 2016-MAY 2018

Sigma Alpha Lambda Member, NOV 2015-MAY 2018

**RELATED COURSEWORK**

Solids, Thermodynamics, Electrical Engineering for Non-Majors, Differential Equations, Manufacturing Processes, Heat Transfer, Nuclear Fuel Cycles, Intro. to Nuclear Engineering, Mechanical Vibrations, Mechanical Fluids