**Justin Dyer**

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**Objective**

My goal is to excel in school while gaining work experience which will impact my career. I completed my freshman year at Huntingdon College and am now attending the University of South Alabama to pursue a major in Mechanical Engineering. I am expecting to graduate in May of 2023. I am experienced with heavy machinery, computer skills (Word, Excel, Power Point, Python, SOLIDWORKS), and customer service with an emphasis in sales. I am honest, self-motivated, and a very dependable employee.

**Education**

**Bachelor of Science, Mechanical Engineering, Expected Graduation May 23’**

University of South Alabama, Mobile, Alabama

GPA: 3.9/4.0

**High School Diploma, August 2015 – May 2019**

UCCA, Tuscaloosa, Alabama

GPA 3.96/4.0, ACT 30, Honors

Earned 28 college credit hours, 4-year varsity baseball

**Relative Employment**

*Engineering Co-op –* **Aker Solutions, Mobile, AL, May 2022 – Current**

* Work alongside a professional engineer, helping to manage tasks.
* Designed replacement parts and tools for the production team.
* Conducted experiments, testing corrosion inhibitors.
* Present to managers and executives, projects, updates, and ideas.

*Instrumentation and System Developer–* **University of South Alabama, Mobile, AL, May 2022 – Current**

* System and software development for a branch of the United States government.
* Preformed developmental tasks for project including software, instrumentation, and data analysis.

*Assistant to the Wildlife Biologist –* **EBSCO Industries, Birmingham, AL, February 2015 – May 2022**

* Operate and perform maintenance on heavy equipment including hydraulics and engines.
* Preform as manager to employees and preform guided hunts and teach gun safety to guests.

*Sales Representative –* **PRADCO, Birmingham, AL, April 2017 – March 2019**

* Work as a sales representative for PRADCO, a multicompany hunting and fishing organization.
* Attend deer shows and conventions to represent PRADCO and sell their products, such as deer cameras, feeders, tree stands, and hunting calls, to their clients and public.

*Plumber Assistant –* **Harvest of the Earth Plumbing, Tuscaloosa, AL, May 2017 – August 2017**

**Research**

**Instrumentation and Datalogging Research – Dr. Carlos Montalvo**

Researched and developed multiple datalogging systems and sensors, focusing on GPS location, linear and angular acceleration, magnetic field strength, pressure, temperature, and humidity.

**Personal Research**

Personal research in developing live dashboards for controls and sensor readings.

**Extracurricular**

**Tau Beta Pi, 22’ – Current**

**Launch Society, 22’ - Current**

**Society of American Military Engineers, Secretary, 22’ – Current**

**Huntingdon College Baseball, 2019-2020**

**Huntingdon College Honors, 2019-2020**