

Marcus Starks

(757) 450-5388 mstarksg@gmail.com

<https://www.linkedin.com/in/marcus-starks/>

Education

The University of Alabama, Tuscaloosa, AL

May 2023

Bachelor of Science in Chemical Engineering

Minor in General Business

Honors College, GPA: 3.513 / 4.0

Relevant Experience

Undergraduate Research Assistant, Tuscaloosa, AL | January 2022 – May 2022

- Supported professor's research lab at The University of Alabama
- Worked on Polymers and Soft Materials Initiative project creating air filters from recycled polymer solution blown fibers
- Tested instruments by running various trials to produce ideal conditions for air filter fibers

Process Engineer Co-op, WestRock, Covington, VA | Summer 2022, Fall 2021, Spring 2021

- Worked under process engineers in the Recovery department of a paper mill
- Contributed to process monitoring by collecting samples and conducting chemical tests in various labs, adhering to detailed safety and accuracy procedures
- Accompanied engineers in the field to conduct troubleshooting in various parts of the Recovery department; identified problems and customized solutions
- Provided organized notes and information in binders for planned outages and daily operations
- Compiled information used to train operators in new procedures and to ensure all staff members were well-informed
- Learned to incorporate problem solving and team skills into engineering environment

Other Experience

Energy Education Mentor, Alabama Energy Transformation Initiative, Tuscaloosa, AL | Sept 2022 – Present

- Creating lesson plans to mentor high school students on methods and benefits of clean energy.

Mentorship, Sentara Leigh Hospital, Norfolk, VA | June 2019, June – July 2017

- Shadowed general surgeon for over 100 hours
- Learned about operating room procedures and patient interactions

Seasonal Large Pelagic Survey Interviewer, QuanTech, Inc, Rockville, MD | June 2017 – August 2020

- Measured fish from offshore fishing trips at various marinas in Virginia Beach
- Surveyed boat captains on fishing method for statistical analysis and survey research firm

Activities and Honors

The University of Alabama

- Capstone Leadership Bible Study (Fall 2020-Fall 2021)
- Alpha Lambda Delta Honor Society (Fall 2018-present)
- University of Alabama Weightlifting Club Team (Fall 2018-December 2020)
- National Society of Black Engineers (Fall 2018)
- Academic Certificate of Distinction (Fall 2018)