

Dayon Rawls

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Professional Summary:

Seeking mechanical engineering internship opportunities to gain field experience and demonstrate strong technical and analytical skills.

EDUCATION:

Florida A&M; University (FAMU) — Tallahassee, Florida	Jan 2022 – Present
FAMU/FSU College of Engineering	GPA: 2.9
Bachelor of Science in Mechanical Engineering, Minor in Physics	May 2027
Florida State College at Jacksonville — Associate of Arts	Jan 2021 – Jan 2022

TECHNICAL/NON-TECHNICAL SKILLS

• C++	• Fluid Mechanics	• Overleaf
• Java	• Machining	• Microsoft Word, Excel, PowerPoint
• SolidWorks	• Team leadership training	• Apple Device Certification (2022)
• Heat Transfer	• Time management	
• Thermodynamics	• Microcontrollers	

PROJECTS/RESEARCH

Can Crusher	FAMU-FSU College of Engineering	<i>August 2025 – Present</i>
- Designed and fabricated a mechanical crusher to reduce aluminum can volume. - Applied mechanics and materials principles to convert manual force into compression.		
Stirling Engine	FAMU-FSU College of Engineering	<i>December 2024 – Present</i>
- Constructed and tested a Stirling engine to analyze thermodynamic efficiency. - Performed design analysis and performance evaluation using engineering tools.		
Laser-Induced Breakdown Spectroscopy (LIBS)		<i>August 2023 – 2025</i>
- Conducted plasma science research using LIBS for material identification. - Analyzed experimental data for classification and concentration measurement.		

EXPERIENCE

Hibbetts	Sales Representative	<i>June 2020 – August 2021</i>
- Standardized the process for creating new display cases. - Utilized product knowledge and promotions to increase store sales.		
Managed inventory organization and stock processing.		
Harvey's Supermarket	Grocery Associate	<i>February 2018 – April 2020</i>
- Executed cashiering duties and handled customer inquiries. - Oversaw product stocking to maintain retail availability.		

LEADERSHIP/ORGANIZATIONS

National Society of Black Engineers	Member	<i>January 2023 – Present</i>
Collegiate 100	Member	<i>February 2024 – Present</i>
NAACP	Co-Chair	<i>August 2025 – Present</i>
Young Life	Member	<i>August 2023 – Present</i>

AWARDS

FAMU Deans List	<i>Fall 2022 - 2023</i>
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