

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	August 2025 – Present
• 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	December 2024 – Present
• Constructed and tested a Stirling engine to analyze thermodynamic efficiency.		
• Performed design analysis and performance evaluation using engineering tools.		
Laser-Induced Breakdown Spectroscopy (LIBS)		August 2023 – 2025
• Conducted plasma science research using LIBS for material identification.		
• Analyzed experimental data for classification and concentration measurement.		

EXPERIENCE

Hibbetts	Sales Representative	June 2020 – August 2021
• 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	February 2018 – April 2020
• Executed cashiering duties and handled customer inquiries.		
• Oversaw product stocking to maintain retail availability.		

LEADERSHIP/ORGANIZATIONS

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

AWARDS

FAMU Deans List	Fall 2022 – 2023
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