

Generic Namely

Cell Phone: 000-000-0000
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123 Main Street
Houston, TX 77015

Education

Prairie View A&M University, Prairie View, TX
Bachelor of Science in Mechanical Engineering

Expected Graduation 2022
GPA 3.25

University of Houston, Houston, TX
Bachelor of Science in Mechanical Engineering

Transferred 2020
GPA 3.15

Relevant Courses: Mechanical Drawing, Materials Science, Thermodynamics I & II, Economic Analysis, Machine Design I & II, Manufacturing Processes, Fluid Mechanics, Kinematic Design and Analysis, Finite Element Analysis and Design

Engineering Projects

Vehicle Design Project (Senior Design)

Fall 2020-Spring 2021

- Designed a 4-wheel sedan style vehicle capable of traveling up to 60 mph
- Utilized ANSYS to conduct FEA (finite element analysis) including both stress and thermal analysis
- Collaborated with BMC (Basic Motors Company) consultant to ensure project parameters were met

NX Design Project

Fall 2019

- Designed a turbine blade using NX11 for drafting and design
- Conducted periodic flow simulations to ensure optimal design

Work Experience

Zimmer Biomet
Mechanical Design Co-op

Warsaw, IN
January 2020-June 2020

- Modified and reviewed over 30 knee replacement components using Solidworks v2019
- Utilized Geometric Dimensioning and Tolerancing (GD&T)
- Drafted and designed 2 medical device 3D models from scratch while adhering to ISO 13485

University of Houston (Mechanical Engineering Department)
Research Assistant

Houston, TX
May 2019-November 2019

- Conducted research on biomechanical principles relating to joint replacements
- Summarized and delivered research findings on 6 types of artificial joints to Dr. Anybody for further review

Leadership Experience

ABC (Anonymous Basic Club)
President

Houston, TX
January 2019-September 2020

- Led board meetings, organize events, and develop outside partnerships with employers
- Generated over \$12,000 dollars in new donations
- Increased the number of events held by 200% over the previous year

Organizations

ABC (Anonymous Basic Club)
IEC (Imaginary Engineering Club)
FEC (Fictional Engineering Club)

2018-Present
2019-Present
2018-Present

Skills

CAD (NX11, Solidworks, AutoCAD), FEA, GD&T, ISO 13485, ANSYS, Machining (Turning and Milling), MS Office