

MILLICENT BEARD

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EDUCATION

Tulane University	Bachelor of Science, Biomedical Engineering Overall GPA: 3.36	May 2019
Study Abroad, University College London	CIEE Program, Biomedical Engineering	Fall 2017

EXPERIENCE

Tulane University – Research Aide; New Orleans, LA	June 2017 - August 2017 January 2018 - Present
<ul style="list-style-type: none">Worked in a laboratory focused on using an acoustic tweezing method for low-volume, non-contact blood coagulation analysis in pediatric and coagulopathic patientsCollected data using the patented method to analyze the coagulation of blood and blood plasma	

Archdiocese of Galveston/ Houston - Data Entry Clerk; Houston, TX	July 2016 – August 2016 July 2015 – August 2015
<ul style="list-style-type: none">Entered data into a program for the Human Resources departmentLearned a new skill very quickly and improved efficiency within the department	

Frances Gallego – Nanny; Houston, TX	June 2014 - August 2014
<ul style="list-style-type: none">Cared for a child during the day while the parents workedTook responsibility for the wellbeing of a young child and had to multi task different activities	

ACADEMIC PROJECTS

Port and Cannula for patients on anticoagulation medicine – Team Member	Fall 2016
<ul style="list-style-type: none">Designed a port and cannula for patients on anticoagulation medicine who regularly get their blood drawnThe team of 5 designed and tested an aspect of the port, then presented the results to our professor for Product and Design	

Blade Impeller for an aircraft engine – Team Member	Fall 2017
<ul style="list-style-type: none">Redesigned the blade impeller for the PW100 engine Pratt & Whitney Canada in order to increase efficiency and reduce the environmental impact of the productWorked with a team of 7 to calculate and create an ideal design on Catia as well as select the optimum material for development using CES Edupack	

LEADERSHIP EXPERIENCE AND ACTIVITIES

Theta Tau Colony - Active Member	Fall 2016 – Present
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Kappa Alpha Theta: Alpha Phi Chapter - Active Member	Spring 2016 – Present
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Science and Engineering Honor Society - Active Member	Fall 2015 – Present
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Science and Mathematics High School – Volunteer	Fall 2016
<ul style="list-style-type: none">Tutored students at a high school in New Orleans in their engineering-related classes, such as the Makerspace class and the Product Design class	

Nehemiah Center – Volunteer	Summer 2014
<ul style="list-style-type: none">Volunteered at a Child-Care center in the Fourth Ward of Houston and supervised children in activities	

HONORS

<ul style="list-style-type: none">Presidential Scholar Award at Tulane UniversityDean's List at Tulane UniversityGraduated Magna Cum Laude from Saint Agnes Academy	Fall 2015 – Present Fall 2015 May 2015
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ADDITIONAL INFORMATION

Computer Skills: MS Word, Excel, PowerPoint, SolidWorks, Catia, CES Edupack, LabVIEW, Certified in MATLAB

Interests: Baking, Soccer, Healthcare Systems

Work Eligibility: Eligible to work in the U.S. and the U.K. with no restrictions