**Sarah Wannamaker**

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**EDUCATION**

Louisiana State University (LSU), Baton Rouge, LA

Bachelor of Science, Environmental Engineering; Minor in Business GPA: 2.73

Expected graduation date: May 2019

I switched from Chemical Engineering to Environmental Engineering in August of 2016

Related Completed Coursework: Senior Design, Sustainability, Hydrology, Hazardous Waste, Geotechnical Engineering, Water Chemistry, Water and Wastewater Treatment, Pollution Control, Environmental Engineering I, II and III, Environmental Global Issues, Statics, Fluid Mechanics and Lab, Introduction to Chemical Engineering, General Chemistry I, II and Lab, Organic Chemistry I, Calculus I and II, Differential Equations, Physics (Particle Mechanics and Electromagnetism), Economics, Special Topics in Industrial Engineering, Introduction to Accounting, Statistics

**WORK AND LEADERSHIP EXPERIENCE**

Environmental Engineering Intern at CSRS current job

* Louisiana Economic Development Project- environmental analysis, wetlands analysis, GIS mapping
* Isle de Jean St Charles – related to resiliency and sustainability
* Pro bono work for BREC parks- updating their sustainability strategy

Student Worker: LSU Registrar’s Office August 2014-2017

* Responsible for office work, such as copying, printing, and mailing transcripts

Team leader- LSU Encounter Engineering August 13-19, 2015

* Responsible for six freshmen
* Led them in various activities and oversaw their design project

LSU Encounter Engineering in Europe June 19-July 11, 2015

* Study abroad program in Germany to tour various factories: BASF, Krones, Mercedes-Benz, Porsche, BMW
* Research paper on a technical process, class discussions, factory reports, renewable energy presentations

Tutor for high school students current job

* Tutor three high school students from St. Joseph’s Academy in various subjects weekly

Counselor- Camp Kahdalea, Brevard, NCsummers 2012-2014

* Responsible for four girls ages 11-13
* Work on barn staff: six counselors for about 25 horses

**ASSOCIATIONS**

American Institute for Chemical Engineers, Society for Women Engineers, LSU Equestrian Team, 2014 S.T.R.I.P.E.S. participant (Student Tigers Rallying, Interacting, and Promoting Education and Service), Society of Peer Mentors

**HONORS**

Chancellor’s Aid Scholarship, Tuition Opportunity Program for Students (TOPS), Academic Scholars Resident Award, National Society of Collegiate Scholars, Teagle Scholarship 2014-2015, Jewish Guild Scholarship 2014-2015, Dean’s List first semester, Frank M. Bologna Award, Mae Stokes Award

**SKILLS**

ArcGIS, MATLAB and Microsoft Word, Excel, PowerPoint, and Access; basics in autoCAD