**Bayllie Breaux**

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# EDUCATION

**Louisiana State University (LSU),** **Baton Rouge, Louisiana** **(May 2020)**

Bachelor of Science, Environmental Engineering

Minor in Business Administration

# RELATED COURSE WORK

**Designs of Solid and Hazardous Waste Management Systems, EVEG 4120**

Developed knowledge, decision-making skills, and design capabilities related to identification and classification of hazardous waste, regulations, treatment, storage and disposal techniques, as well as facility parameters related to solid and hazardous waste management

**Geographic Information Systems, GEOG 4047**

Acquired an understanding of GIS using ArcGIS 10’s ArcMap.

**Water Resources; EVEG 3200**

Used programs such as EPANET, SWMM, and HEC-RAS to redesign a water supply system, and storm water collection system

**Special Topics in Environmental Engineering Design; EVEG 4780**

Preformed water quality assessment tests

**Sustainable Engineering; EVEG 4154**

Analyzed and designed approaches that minimize impacts on the environment, society and human health using programs such as CAS EDUPAC, created life-cycle assessments and full-cost accounting

**Urban Infrastructure, Environment, and Sustainability; EVEG 4781**

Examined the evolution of London’s urban water management, starting with Bazalgette’s system to the current Thames Tideway Project. As well as examined the challenges of air quality even with advances in low carbon transport and car dieting.

# EXPERIENCE

**Waitress**

**City Pork: Brasserie and Bar (May 2018 - current)**

* Gain immeasurable experience in multitasking, oral and verbal communication, customer satisfaction, and conflict management
* Maintain a constant communication between management and all other employees to provide smooth operations in an extreme high volume environment
* Acquire skills such as attention to detail, recommendations, maintaining proper accountability for orders and funds while keeping up a professional appearance

**Resident Assistant**  **(August 2015-December 2016)**

**LSU Residential Life, Baton Rouge, Louisiana**

* Created intentional opportunities for resident interaction by planning, implementing, and advertising activities on an individual and team basis throughout the year.
* Demonstrated responsible problem solving, and follow-through skills through upholding policies and procedures set by the university.
* Developed positive and product working relationships with all housing and residence life staff.
* Showed flexibility and adaptability in the performance of duties in order to respond to changing needs, situations, and personalities.

**ACTIVITIES**

Society of Women Engineers (SWE) (2014-2017), LSU Ambassadors (2016-2017), LSU Spring Invitational Orientation Leader (2017)

**CERTIFICATION**

FE Certified