

# Charlotte Nodarse

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## EDUCATION

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**The University of Kansas – Lawrence, KS**

*Graduated May 2019*

Bachelor of Science, Chemical Engineering – Material Science Emphasis

Bachelor of General Studies, Theatre, Culture and Society

Cumulative GPA: 3.54

Relevant Coursework: Process Safety and Sustainability, Corrosion Engineering, Design 1 and 2

## ENGINEERING EXPERIENCE

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**KU School of Engineering – Lawrence, KS**

*Summer 2018/Fall 2019 – July 2020*

*Lab Research Assistant*

- 2018 – Chitosan Research Lab
  - Synthesized chitosan films at varying degrees of acetylation and testing conditions so the mechanical properties can be recorded.
  - Analyzed stress/strain data to model behavior and develop time-constant equation.
- 2019 – Corrosion Lab
  - Assisted in testing a proposed ASTM standard test method to determine the amount of chloride needed to corrode steel embedded in concrete.
  - Performed general lab tasks such as apparatus setup, data collection, autopsy, sample collection and titration, and data analysis.

**KU School of Engineering – Lawrence, KS**

*Fall 2017*

*Undergraduate Teaching Assistant*

- Facilitated the in-class learning of 100+ student class of second-year Chemical Engineering students.
- Conducted office hours and offered one-on-one tutelage on class assignments and projects.

## TECHNICAL SKILLS

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|--------------------------|----------|--------------|
| ○ Microsoft Office Suite | ○ MATLAB | ○ NI LabVIEW |
| ○ ASPEN                  | ○ COMSOL |              |

## OTHER EXPERIENCE

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**Bon Bon! – Lawrence, KS**

*April 2018 – May 2020*

*Front of House Shift Lead/Manager on Duty*

- Managed front of house and bar staff to provide an excellent experience for both guests and employees.
- Delegated and oversee completion of side work duties at shift change.
- Resolved customer and billing issues effectively to ensure return visits.
- Employed full-time while actively searching for an engineering position; laid-off due to COVID-19.

**University of Kansas Theatre - Lawrence, KS**

*August 2014 – May 2019*

*Sound Engineer/Lighting Assistant*

- Operated sound board during University Theatre productions and events.
- Troubleshooted and repaired equipment issues promptly and efficiently.
- Trained sound assistants and oversaw completion of tasks assigned.

**KU University Theatre – Lawrence, KS**

*Dramaturg – She Kills Monsters – When the Rain Stops Falling*

*Fall 2017/Spring 2018*

- Researched the social, political, and historical context of the production and its script.
- Organized and disseminated information to production members through present, printed, and online resources.
- Summarized research and director's vision for the audience with a short essay in the program.

*Sound Designer – Anon(ymous)*

*Spring 2017*

- Assessed script for necessary sound effects/music and consulted with director to ensure design worked cohesively with the overall vision.
- Built 50+ cues in playback software with 400+ lines of linked tracks/effects.
- Awarded both division second place and Stagecraft Award at regional conference.

*Stage Manager – Detroit '67 – Pooter McGraw Is Not Dead Party*

*Fall 2015/2016*

- Coordinated collaboration between director, designers, actors, and tech crew.
- Oversaw show quality and called all tech cues during performance.
- Solved technical issues efficiently with no disturbance to the production.