



# Jennifer Linh Hoang

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I am a May 2021 graduate seeking a full-time environmental engineering position that will allow me to focus on my interests which include: site remediation, environmental management, environmental consulting, hydrologic processes design, pollution contamination control, and other problem solving opportunities.

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## Education:

### **Bachelor of Science in Civil Engineering with an Environmental Concentration**

*Mississippi State University: May 2021*

Minor: Global Engineering Leadership - Studied abroad summer of 2019

GPA: 3.93/4.00 for 172 semester credit hours

Passed the Fundamentals of Engineering (FE) Exam in February 2021

## Work Experience:

### **Undergraduate Teaching Assistant**

*Civil and Environmental Engineering Department: Fall 2020 - December 2020*

- Organized and conducted help sessions
- Graded homework assignments
- Addressed students' questions and concerns

### **Undergraduate Researcher**

*Watersheds and Water Quality Research Lab: Fall 2018 – Spring 2019*

- Obtained water samples and tested water quality for presence of nutrients
- Analyzed data on nutrients to monitor temporal and seasonal variations
- Presented a research poster at the Undergraduate Research Symposium

### **Athletic Academic Tutor**

*Templeton Academic Center: August 2018 – December 2018*

- Prepared colleagues academically for assessments
- Guided peers through homework assignments

### **Student Intern**

*Neel-Schaffer, Inc.: June 2018 – August 2018*

- Aided with a presentation at a public meeting on behalf of citizens
- Prepared Environmental Assessment (EA) reports
- Organized field data into forms for submission
- Assisted with field wetland delineations

## Publications:

Ghimire, U., **Hoang, J.**, Gude, V.G., Magbanua, B.S., **Sustainable Materials and Technologies for Resource-Efficient Agricultural Systems**, Emerging Materials and Environment, Eds. Shukla, M., Ferguson, E., Leszczynski, J, 2020, SpringerNature International Publishing AG, Switzerland (Accepted).

## Leadership Experience/Activities:

### **Chi Epsilon**

*Fall 2019 – Present*

- Secretary for 2019-2020 and 2020-2021 school years
- Responsible for keeping record of new and existing members in national database
- Organize and participate in initiation of new members each semester

### **Civil and Environmental Engineering Women's Advisory Council**

*Spring 2018 – Present*

- President for the 2020-2021 school year
- Confer with other members and students about departmental concerns
- Promote camaraderie within the department
- Invitation only by the department head

### **CEE Engineering First-Year Experience Mentor**

*Fall 2018 – Present*

- Lead mentor for 2019-2020 and 2020-2021 school years
- Assist peers with setting up their course schedules
- Tutor students in engineering related topics

### **Bagley College of Engineering "I Am Girl" Diversity Program**

*Spring 2018 – Present*

- Introduce middle and high school girls to the STEM field
- Supervised the brainstorming, design, and construction phases of a project

### **Engineers Without Borders**

*Fall 2017 – Present*

- Co-Project Manager for 2018-2019 School Year - Water Project in Ecuador
- Led a committee in pre-assessment paperwork and applying for grants
- Work with other members of the club on five year projects

### **Service Dawg Days**

*Fall 2017 – Fall 2018*

- Participated in bingo with the elderly at The Claiborne Adelaide
- Sorted through donations for the Salvation Army

### **Girls Engineering Change**

*Fall 2017 – Spring 2018*

- Guided middle school girls through a kit build to assemble a solar powered USB portable charger

## Awards/Honors

- Robert G. Robinson Endowed Scholarship *Fall 2020*
- Mississippi Engineering Society Scholarship *Spring 2020*
- Chi Epsilon *Fall 2019 - Present*
- Tau Beta Pi Scholarship *Fall 2019*
- Corey Family Endowed Scholarship *Fall 2019*
- Don Hill Scholarship *Spring 2019*
- Robert H. Wood Civil Engineering Scholarship *Spring 2019*
- MS ACEC Scholarship *Spring 2019*
- Tau Beta Pi *Spring 2019 - Present*
- ASCE Younger Member Section Scholarship *Fall 2018*
- Judy and Bobby Shackouls Honors College *Fall 2017 - Present*

## Skills & Abilities:

- Proficient in Microsoft Office (Excel, PowerPoint, Word)
- Familiar with Google Productivity Suite (Google Docs, Slides, and Sheets)
- Knowledgeable in HEC-RAS, HEC-HMS, ArcGis, StreamStats, WikiWatershed
- Experience with AutoCAD
- Courses taken:
  - Engineering Hydrology
  - Environmental Engineering
  - Environmental Issues
  - Open Channel Hydraulics
  - Water Resources Engineering
  - Water and Wastewater Engineering
  - DIS (Directed Individual Study) on PFAS and Microbial Fuel Cells
  - General Microbiology
  - Biology I and II
  - Organic Chemistry I and II
  - Principles of Biochemistry