



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.

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 | <i>Fall 2020</i> |
| - Mississippi Engineering Society Scholarship | <i>Spring 2020</i> |
| - Chi Epsilon | <i>Fall 2019 - Present</i> |
| - Tau Beta Pi Scholarship | <i>Fall 2019</i> |
| - Core Family Endowed Scholarship | <i>Fall 2019</i> |
| - Don Hill Scholarship | <i>Spring 2019</i> |
| - Robert H. Wood Civil Engineering Scholarship | <i>Spring 2019</i> |
| - MS ACEC Scholarship | <i>Spring 2019</i> |
| - Tau Beta Pi | <i>Spring 2019 - Present</i> |
| - ASCE Younger Member Section Scholarship | <i>Fall 2018</i> |
| - Judy and Bobby Shackouls Honors College | <i>Fall 2017 - Present</i> |

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