

# Dina Dinh

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## EDUCATION

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### Master of Applied Statistics

Currently

*Louisiana State University, Experimental Statistics Department*

Anticipated Graduation: Spring 2024

### Phlebotomy Technician Certification

January 2022

*Next Level Educational Services, Laplace, LA*

### Bachelor of Science in Mathematics

Spring 2021

*Louisiana State University, Mathematics Department*

GPA: 3.80

## PROFESSIONAL EXPERIENCE:

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### Teaching Assistant for Undergraduate Level

2022-2024

*Louisiana State University, Experimental Statistics Department*

Teaching and supervising labs, grading, tutoring and assisting with the use of educational technology in the undergraduate level class.

### Statistical Consultant

2023-2024

*Louisiana State University, Experimental Statistics Department*

Collaborating with clients under the guidance of statistics experts to perform statistical analyses, assist in the selection and application of statistical models, and provide data interpretation.

### Guest Lecturer

2024

*Louisiana State University, Experimental Statistics Department*

Delivering a presentation to describe Random Forest and elaborating on its use for various applications.

### World System Builder Launch Event

2024

*Austin, Texas*

Participated in a financial education conference, gaining valuable insights into establishing a solid financial foundation. Acquired knowledge on the crucial impact of financial education on individuals and developed a better understanding of tax principles.

### Teaching Assistant for Graduate Level

2023

*Louisiana State University, Experimental Statistics Department*

Supervising and teaching labs, grading, tutoring, and preparing SAS tutorial videos, homework, general course development.

### Undergraduate Researcher

2020-2021

*Louisiana State University, Biological Engineering Department*

Testing different silane surface material treatments and analyzing zebrafish sperm and polystyrene beads using light microscopy, AmScope, and Nikon microscope.

## Student Panelist

2019

*Louisiana State University, College of Science*

Shared advice and past experiences at Louisiana State University to the freshman class pursuing a career in the medical field.

## WORK EXPERIENCE

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### Blood Donor Technician 1

2022

*Our Lady of the Lake Blood Donor Center, Baton Rouge, LA*

Displaying phlebotomy skills and determining blood donor eligibility by performing related testing, evaluating donor/patient medical history, recruiting blood donors, and completing appropriate records pertaining to donations in a manner that ensures donor confidentiality

### Medical Clerk

2021-2022

*Dr. Xuong T. Dao Clinic, Baton Rouge, LA*

Preparing patient charts and gathering information and documents from patients, organizing medical records, recording patients' vitals, and collecting laboratory specimens for testing.

### Receptionist

2016-2021

*Young Nails, Zachary, LA*

Greeting and welcoming customers, assisting with marketing and sales by providing customers with information on promotions and new products and services, and processing transactions and issuing receipts.

### Hostess

2015-2016

*Lagniappe Restaurant, Zachary, LA*

Seating guests, managing the seating chart, monitoring restaurant activity to determine seating and dining flow, and assisting coworkers with side work.

### First Responder

2014-2015

*Emergency Medical Services, Baton Rouge, LA*

Assisting paramedics with 911 calls for emergency medical assistance, taking patient vitals, organizing medical supplies.

## ORAL PRESENTATIONS

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**Dinh D.**, Amos J., Lewis M., "Comparing Logistic Regression and Random Forest Model on Stroke Prediction", Louisiana State University

2023

**Dinh, D.**, "AQI Analysis Using Bayesian Methods", Louisiana State University

2023

**McNair Scholars & Undergraduate Research Conference**, University of Maryland, "Chemical Modifications of 3-D Printed Molds for Microfluidic Devices"

2021

**LSU Discover Day**, Louisiana State University, "Chemical Modifications of 3-D Printed Molds for Microfluidic Devices"

2021

## SKILLS:

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**Software and Computer Languages:** R, Python, SAS, SAS Enterprise Guide, GitHub, JMP-pro, LaTeX, Windows Office, QGIS, Mathematica, STATA, SQL, AutoCAD, Autodesk Inventor

**Languages:** English (Proficient), Vietnamese (Intermediate)

**Statistical Methodology:** Proficient in applying statistical methodologies to analyze and interpret data.

**Machine Learning:** Well-versed in utilizing machine learning techniques to develop predictive models, optimized processes, and extract patterns from data.

**Leadership:** Guided teams towards common goals, encouraging collaboration, and making strategic decisions to achieve objectives.

**Communication:** Strong verbal and written communication skills, facilitating efficient conveying of complex technical concepts.

**Problem Solving:** Demonstrated ability to approach challenges effectively, employing critical thinking, and analytical skills to identify solutions.

## **AWARDS, HONORS, AND MEMBERSHIPS**

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Graduate Travel Award, Louisiana State University	Spring 2024
LSU Vietnamese Student Association	Fall 2020
Ronald E. McNair Research Scholar	Spring 2020
LSU President's Honor Roll	Fall 2017

## **REFERENCES**

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Dr. Thanos Gentimis,  
Assistant Professor,  
Experimental Statistics,  
Louisiana State University,  
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Dr. Bei B. Guo,  
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