

Angela Morgan

RELATED WORK EXPERIENCE

University of Alabama in Huntsville

Department of Mathematical Sciences, Huntsville, Alabama

Full-Time Lecturer

August 2022 to Present

- MA112 Precalculus Algebra
- MA 113 Precalculus Trigonometry
- MA 171 Calculus A (Online and Traditional)
- MA 172 Calculus B
- MA 201 Calculus C

Part-Time Lecturer

August 12, 2020 to August 2022

- MA112 Precalculus Algebra (Traditional, Online, and Hybrid)
- MA 113 Precalculus Trigonometry (Traditional, Online, and Hybrid)

Graduate Teaching Assistant

August 24, 2017 to May 2020

- Math Instructor for MA 105 Nature of Mathematics Fall 2019 and Spring 2020
- Recitation leader for two sections of MA 113 Trigonometry Spring 2019
- Collaborative learning for MA 172 Calculus B Spring 2018
- Tutoring individually in MA 105, MA 107, MA 110, MA 112, MA 113, MA 120, MA 171, MA 172, MA 201, MA 238, and MA 244 in the Tutoring Lab of Shelby Center.
- Graded and proctored final exams for Calculus

OTHER WORK EXPERIENCE

Self Employed, Huntsville, Alabama

Certified Personal Fitness Trainer

June 2013 to April 18, 2017

Certified by the American Muscle & Fitness (among the top scores)

- Motivated clients to take care of their health and fitness
- Exhibited strength training exercises and cardio routines to clients
- Assisted clients in safety during vigorous exercises
- Adjusted exercises uniquely to the fitness levels of each client.
- Adjusted diet according to the fitness goals of each client

- Provided information on health food choices
- Followed up on the progress of each client

Crisis Services of North Alabama (volunteer), Huntsville, Alabama

Main Actress

September 2014 to (whenever I am asked to help)

- Performance in a play of domestic violence to spark the crowd's interest
- Informing victims and families of domestic violence of services that are willing to help

Animal and Human Rights Activist (volunteer), Huntsville, Alabama Region

Activist

January 2015 to Present

- Helping animals that have been rescued
- Educating the community, during events, of better ways to keep humans, animals, and earth safe
- Speak up whenever I see injustice at protests and/or rallies

Education

University of Alabama in Huntsville, Huntsville, Alabama

Master of Arts in Applied Mathematics (57 Graduate Coursework Completed)

December Class of 2018

- 42 hours of Mathematics graduate coursework completed

MA515 Intro Num. Analysis, MA520 Int. Diff. Eq., MA656 Com. Analysis, MA544 Lin. Alg., MA607 Math Methods I, MA508, MA538 Metric Spaces, MA609 Methods II, MA690 Bayesian Analysis, MA524 Dynamical Systems, MA653 Real Analysis I, MA 614 Numerical/Lin, Real Analysis II, MA 539 Multi-dimensional Analysis
- 15 hours of Computer Science graduate coursework completed

CS 517 Data Structures and Analysis of Algorithms, CS 617 Design and Analysis of Algorithms, CS 690 Machine Learning CS 524 Principles Programming Language CS 513 Intro to Computer Architect
- Mathematics undergraduate coursework completed

MA330 Foundations of Math, MA442 Algebraic Structures with Applications, MA452 Intro to Real Analysis
- Biology undergraduate coursework completed

BYS 219 General Genetics

Oakwood University, Huntsville, Alabama

Bachelor of Arts in Mathematics, Minor in Chemistry

May Class of 2008

- Mathematics undergraduate coursework completed

MA 171 Calculus I, MA 172 Calculus II, MA 271 Calculus III, MA 401 Advance Calculus I, MA 311 Differential Equations MA 308 Linear Algebra MA 411 Into to Modern Algebra MA 419

Intro to Real Analysis MA 490 Research and Independent Study MA 321 Probability and Statistics

- Chemistry undergraduate coursework completed

CH 141 General Chemistry I, CH 142 General Chemistry II, CH 311 Organic Chemistry I, CH 312 Organic Chemistry II CH 211 Analytical Chemistry

- Biology undergraduate coursework completed

BI 131 General Biology I (Honors), MA 132 General Biology II (Honors), BI 225 Embryology, BI 230 Plant Biology, BI 423 General Physiology, BI 451 Special Topics in Biology

- Physics undergraduate coursework completed

PH 103 General Physics I, PH 104 General Physics II, PH 121 General Physics with Calculus I, PH 122 Physics with Calculus II

- Computer Sciences undergraduate coursework completed

CM 210 Computer Science I with C++, CM 220 Computer Science II with Data Structure C++

- Engineering undergraduate coursework completed

EG 111 Introduction to Engineering, EG 112 Engineering Graphic